



Analysis from 18-NOV-2011 00:00:00 to 18-NOV-2011 23:59:59. Page generated on 19-NOV-2011 06:32:35.  
View log file: ASAR\_Daily\_Report\_20111119\_0631.log. For any anomalies please contact emma.hatton@vegaspace.com, kajal.haria@vegaspace.com.

This report is automatically generated every day, every 2 hours. No comments are provided on the results.

## SUMMARY

1. DATA SUMMARY
  - 1.1 Summary tables
  - 1.2 Lists of products used
2. AUXILIARY FILES ANALYSIS
  - 2.1 IECF operational ADFs list
  - 2.2 Products with wrong ADFs
3. MODULE STEPPING PRODUCTS ANALYSIS
  - 3.1 V/V polarisation
  - 3.2 H/H polarisation
4. CALIBRATION PULSES ANALYSIS
  - 4.1 Analysis for WVS IS2 V/V
    - 4.1.1 Temporal Evolution Analysis for WVS IS2 V/V
    - 4.1.2 All Rows Analysis for WVS IS2 V/V
  - 4.2 Analysis for GM1 SS3 H/H
    - 4.2.1 Temporal Evolution Analysis for GM1 SS3 H/H
    - 4.2.2 All Rows Analysis for GM1 SS3 H/H
5. DOPPLER ANALYSIS
  - 5.1 Analysis for WVS IS2 V/V
    - 5.1.1 Doppler MAP Analysis for WVS IS2 V/V
    - 5.1.2 Doppler ANX Analysis for WVS IS2 V/V
  - 5.2 Analysis for GM1 SS1 H/H
    - 5.2.1 Doppler MAP Analysis for GM1 SS1 H/H
    - 5.2.2 Doppler ANX Analysis for GM1 SS1 H/H
  - 5.3 Doppler JUMPS Analysis for WSM
6. CHIRP ANALYSIS
  - 6.1 Analysis for WSM SS1 H/H
    - 6.1.1 ScaleFactor
  - 6.2 Analysis for WSM SS1 V/V
    - 6.2.1 ScaleFactor
7. RAW DATA ANALYSIS
  - 7.1 Analysis for WVS
  - 7.2 Analysis for IMM
8. TELEMETRY ANALYSIS
  - 8.1 Number of Missing Lines
  - 8.2 Number of Gaps

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

[ [BACK TO MENU](#) ]

| WVS    |      |     |    | GM1    |      |     |    | APM    |      |     |   | IMM    |      |     |   | WSM    |      |     |    | MS     |                     |     |         |
|--------|------|-----|----|--------|------|-----|----|--------|------|-----|---|--------|------|-----|---|--------|------|-----|----|--------|---------------------|-----|---------|
| Center | Beam | Pol | #  | Center | Beam | Pol | #  | Center | Beam | Pol | # | Center | Beam | Pol | # | Center | Beam | Pol | #  | Center | Time                | Pol | Modules |
| PDE    | IS1  | V/V | 6  | PDE    | WS   | H/H | 29 | PDE    | IS1  | V/H | 1 | PDE    | IS6  | H/H | 5 | PDE    | WS   | H/H | 34 | PDK    | 2011-11-18 06:39:04 | H   | 320     |
| PDE    | IS2  | V/V | 28 | PDK    | WS   | H/H | 48 | PDE    | IS2  | H/H | 1 | PDE    | IS7  | H/H | 1 | PDE    | WS   | V/V | 6  | PDK    | 2011-11-18 08:19:18 | V   | 320     |
| PDK    | IS2  | V/V | 21 |        |      |     |    | PDE    | IS3  | H/H | 2 | PDE    | IS7  | V/V | 1 | PDK    | WS   | H/H | 14 |        |                     |     |         |
|        |      |     |    |        |      |     |    | PDE    | IS4  | H/H | 3 | PDK    | IS2  | H/H | 2 | PDK    | WS   | V/V | 1  |        |                     |     |         |
|        |      |     |    |        |      |     |    | PDE    | IS4  | V/H | 2 | PDK    | IS2  | V/V | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    | PDK    | IS2  | H/H | 1 | PDK    | IS3  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    | PDK    | IS4  | V/H | 1 | PDK    | IS5  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS6  | H/H | 1 |        |      |     |    |        |                     |     |         |

## 1.2 - Lists of products used

[ [BACK TO MENU](#) ]

[TXT] [XLS] [List\\_WVS\\_products\\_used](#)  
 [TXT] [XLS] [List\\_GM1\\_products\\_used](#)  
 [TXT] [XLS] [List\\_APM\\_products\\_used](#)  
 [TXT] [XLS] [List\\_IMM\\_products\\_used](#)  
 [TXT] [XLS] [List\\_WSM\\_products\\_used](#)  
 [TXT] [XLS] [List\\_MS\\_products\\_used](#)

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

[ [BACK TO MENU](#) ]

| ADFs disseminated for ASAR                                    |
|---|
| ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000 |
| ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959 |
| ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000 |
| ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000 |

### 2.2 - Products with wrong ADFs

[ [BACK TO MENU](#) ]

| Product | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |
|---------|---------|---------|---------|---------|
| WVS     | 0       | 0       | 0       | 0       |
| GM1     | 0       | 0       | 0       | 0       |
| APM     | 0       | 0       | 0       | 0       |
| IMM     | 0       | 0       | 0       | 0       |
| WSM     | 0       | 0       | 0       | 0       |

[TXT] [XLS] [Check\\_ADFs\\_WVS](#)  
 [TXT] [XLS] [Check\\_ADFs\\_GM1](#)  
 [TXT] [XLS] [Check\\_ADFs\\_APM](#)  
 [TXT] [XLS] [Check\\_ADFs\\_IMM](#)

### 3 - MODULE STEPPING PRODUCTS ANALYSIS

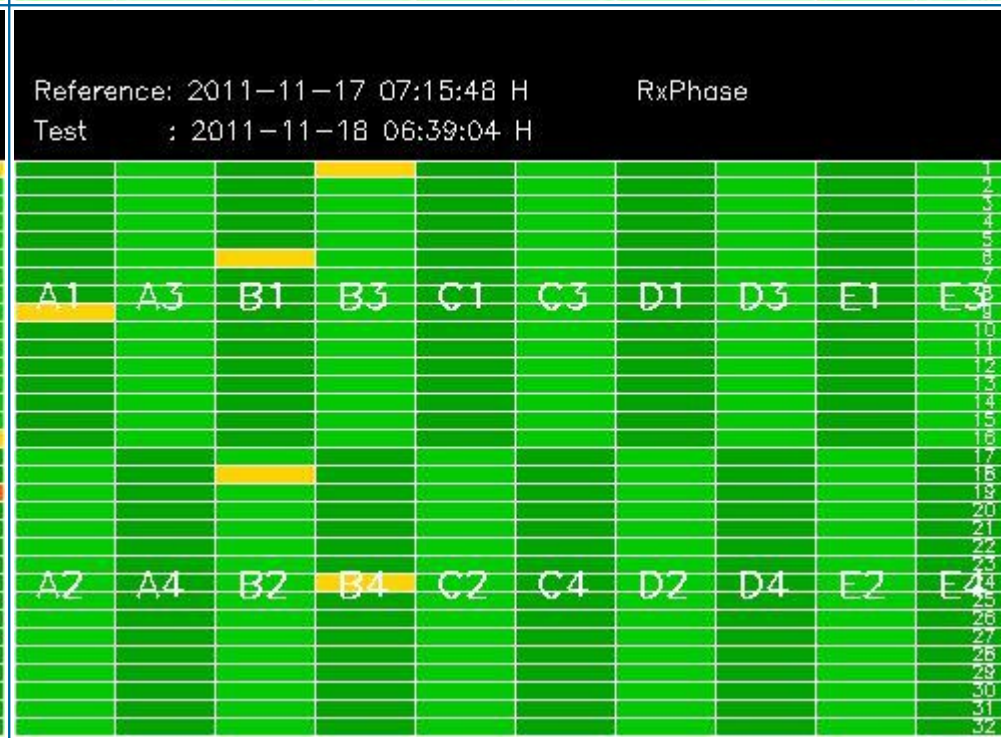
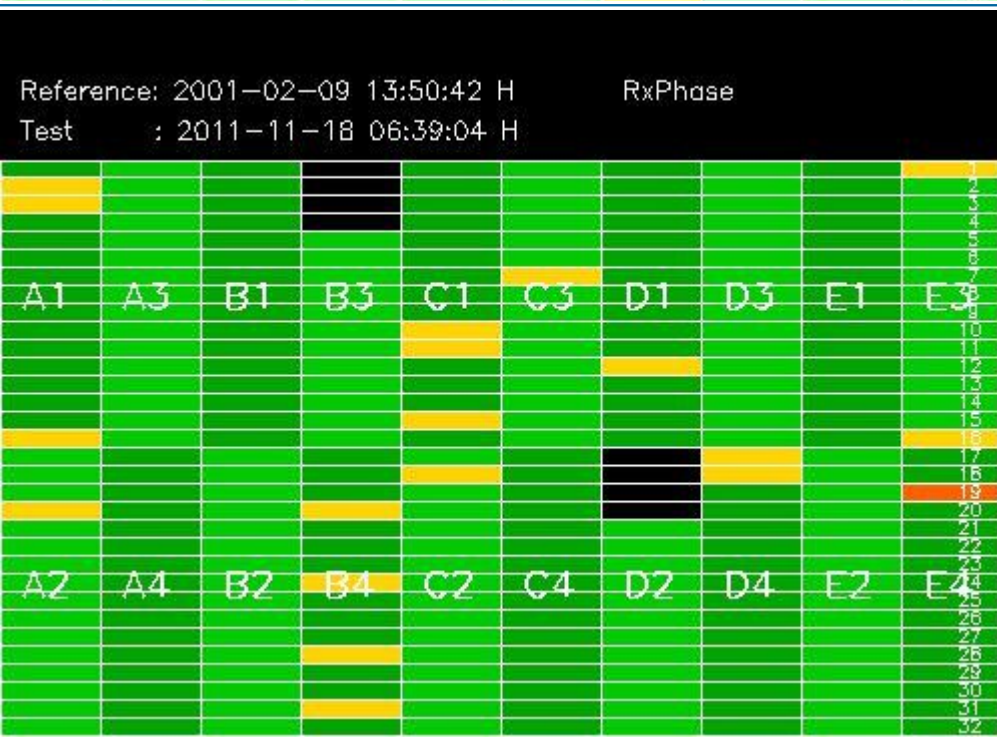
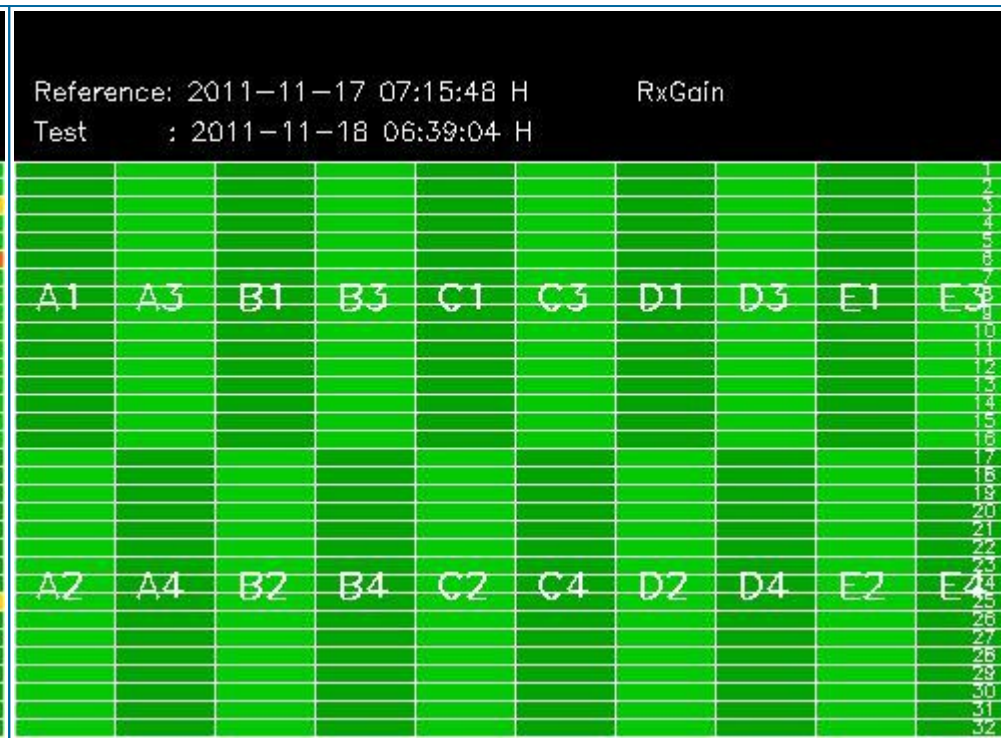
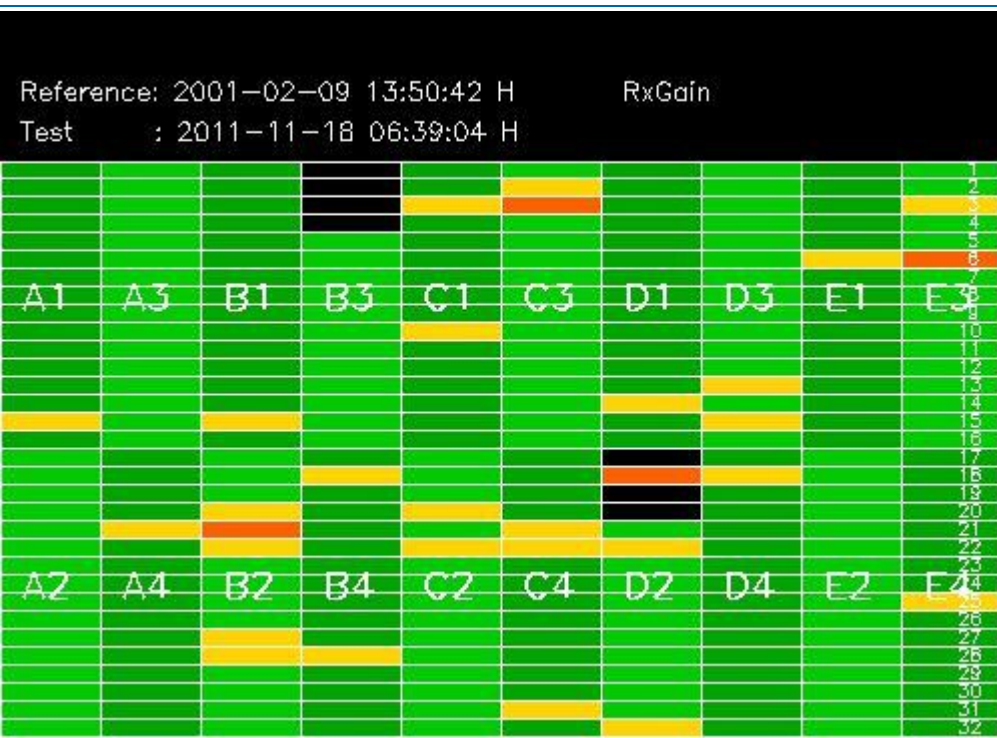
| SECOND FIXED REFERENCE   |    |    |    |    |    |    |    |    |    | PREVIOUS PRODUCT REFERENCE                                       |    |    |    |    |    |    |    |    |    |
|--|----|----|----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|----|----|
| Pre-launch reference (2001-02-09)                                |    |    |    |    |    |    |    |    |    | Previous product in the same polarisation                        |    |    |    |    |    |    |    |    |    |
| Reference: 2001-02-09 14:08:23 V<br>Test : 2011-11-18 08:19:18 V |    |    |    |    |    |    |    |    |    | Reference: 2011-11-17 08:56:02 V<br>Test : 2011-11-18 08:19:18 V |    |    |    |    |    |    |    |    |    |
| RxGain   |    |    |    |    |    |    |    |    |    | RxGain   |    |    |    |    |    |    |    |    |    |
| A1   | A3 | B1 | B3 | C1 | C3 | D1 | D3 | E1 | E3 | A1   | A3 | B1 | B3 | C1 | C3 | D1 | D3 | E1 | E3 |
| A2   | A4 | B2 | B4 | C2 | C4 | D2 | D4 | E2 | E4 | A2   | A4 | B2 | B4 | C2 | C4 | D2 | D4 | E2 | E4 |
| RxPhase  |    |    |    |    |    |    |    |    |    | RxPhase  |    |    |    |    |    |    |    |    |    |
| Reference: 2001-02-09 14:08:23 V<br>Test : 2011-11-18 08:19:18 V |    |    |    |    |    |    |    |    |    | Reference: 2011-11-17 08:56:02 V<br>Test : 2011-11-18 08:19:18 V |    |    |    |    |    |    |    |    |    |
| A1   | A3 | B1 | B3 | C1 | C3 | D1 | D3 | E1 | E3 | A1   | A3 | B1 | B3 | C1 | C3 | D1 | D3 | E1 | E3 |
| A2   | A4 | B2 | B4 | C2 | C4 | D2 | D4 | E2 | E4 | A2   | A4 | B2 | B4 | C2 | C4 | D2 | D4 | E2 | E4 |

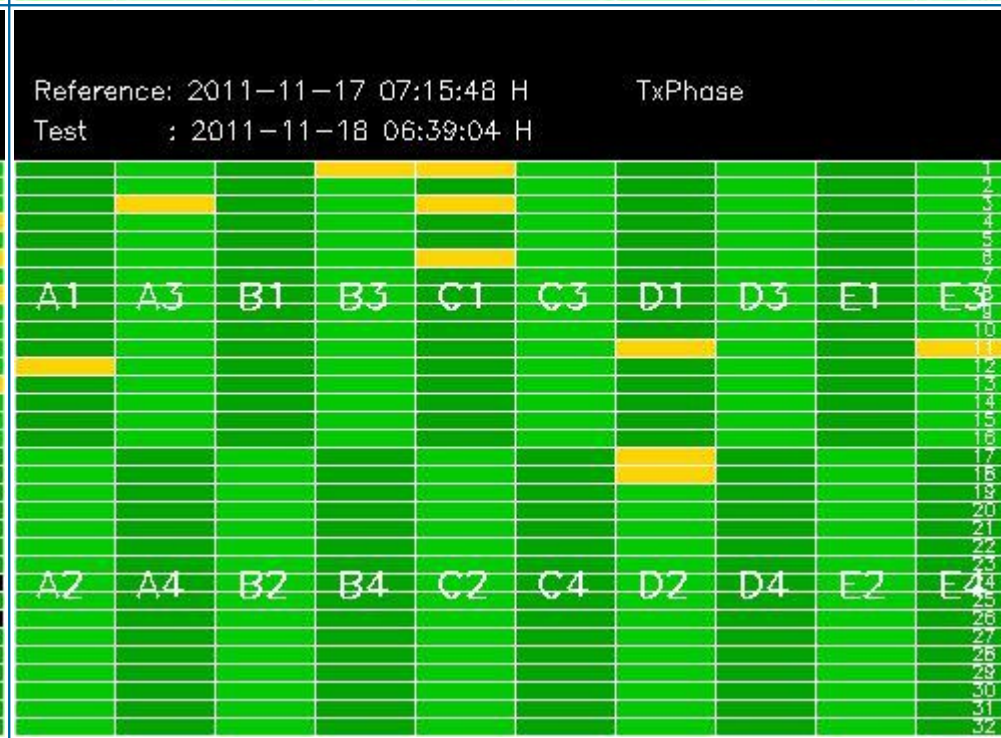
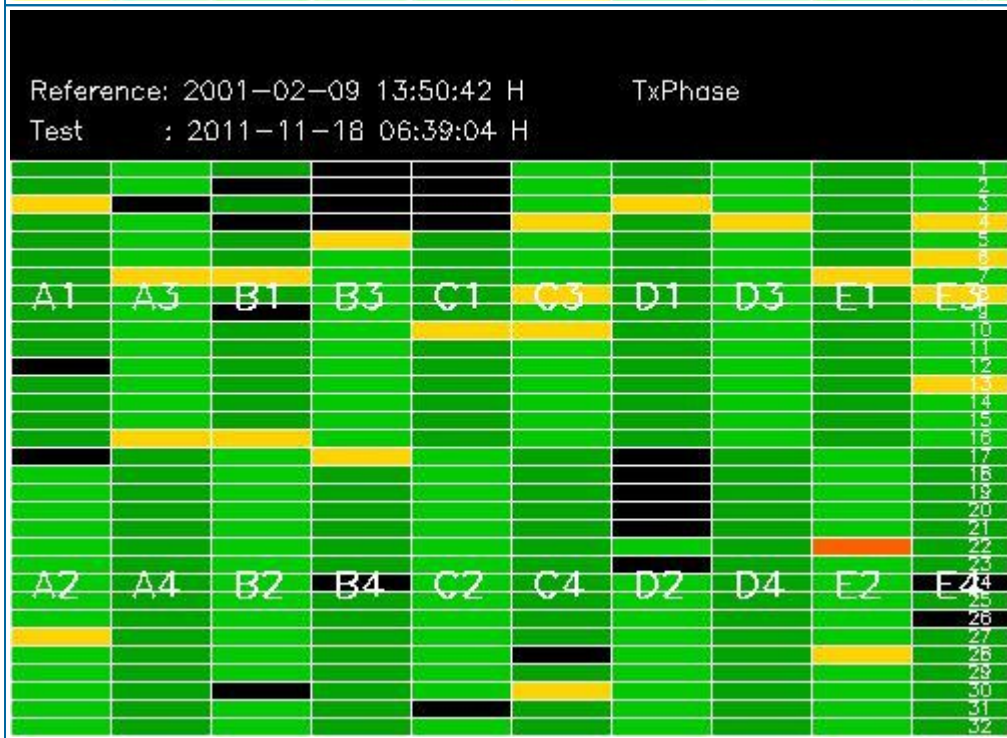
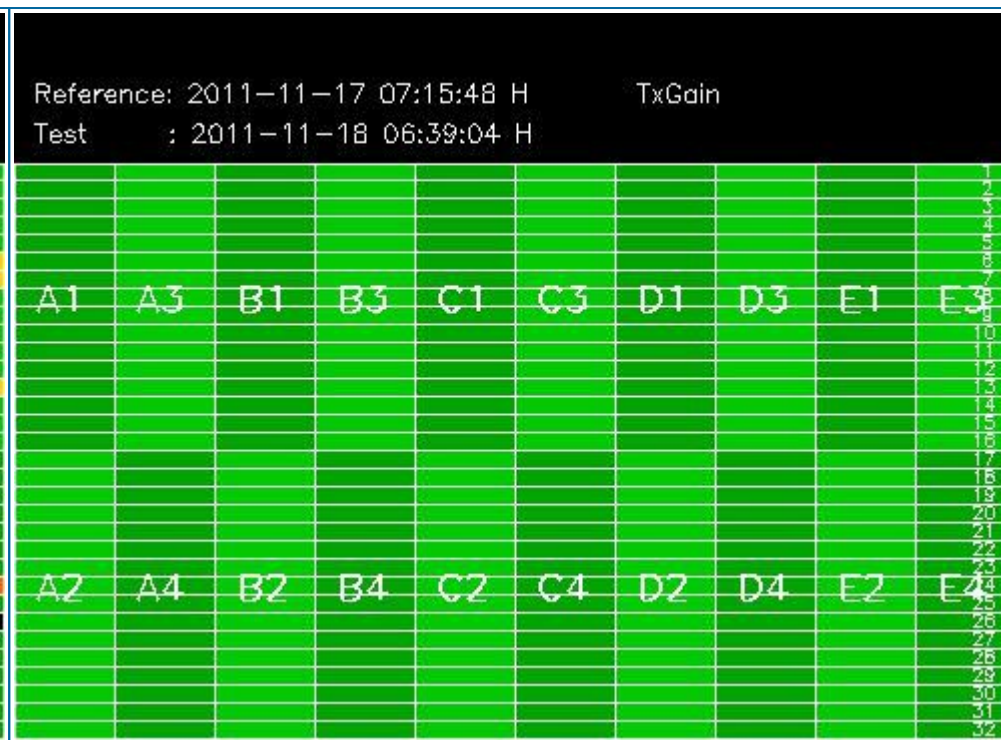
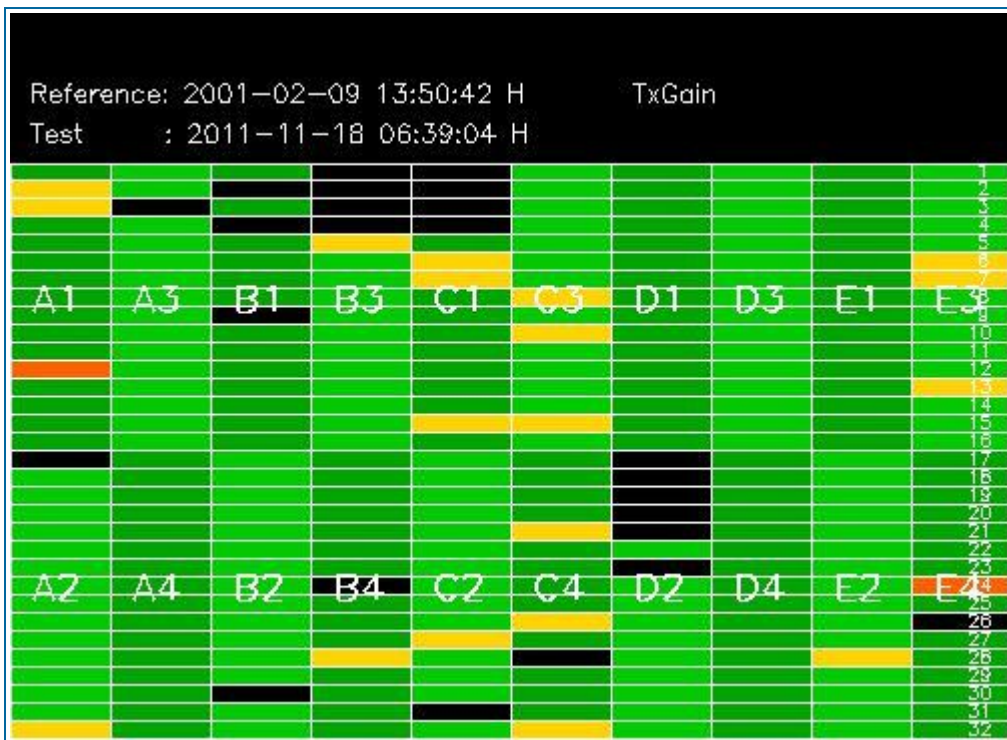


### 3.2 - H/H polarisation

[ [BACK TO MENU](#) ]

| SECOND FIXED REFERENCE            | PREVIOUS PRODUCT REFERENCE                |
|-----------------------------------|---|
| Pre-launch reference (2001-02-09) | Previous product in the same polarisation |
|                                   |   |





## 4 - CALIBRATION PULSES ANALYSIS

### 4.1 - Analysis for WVS IS2 V/V

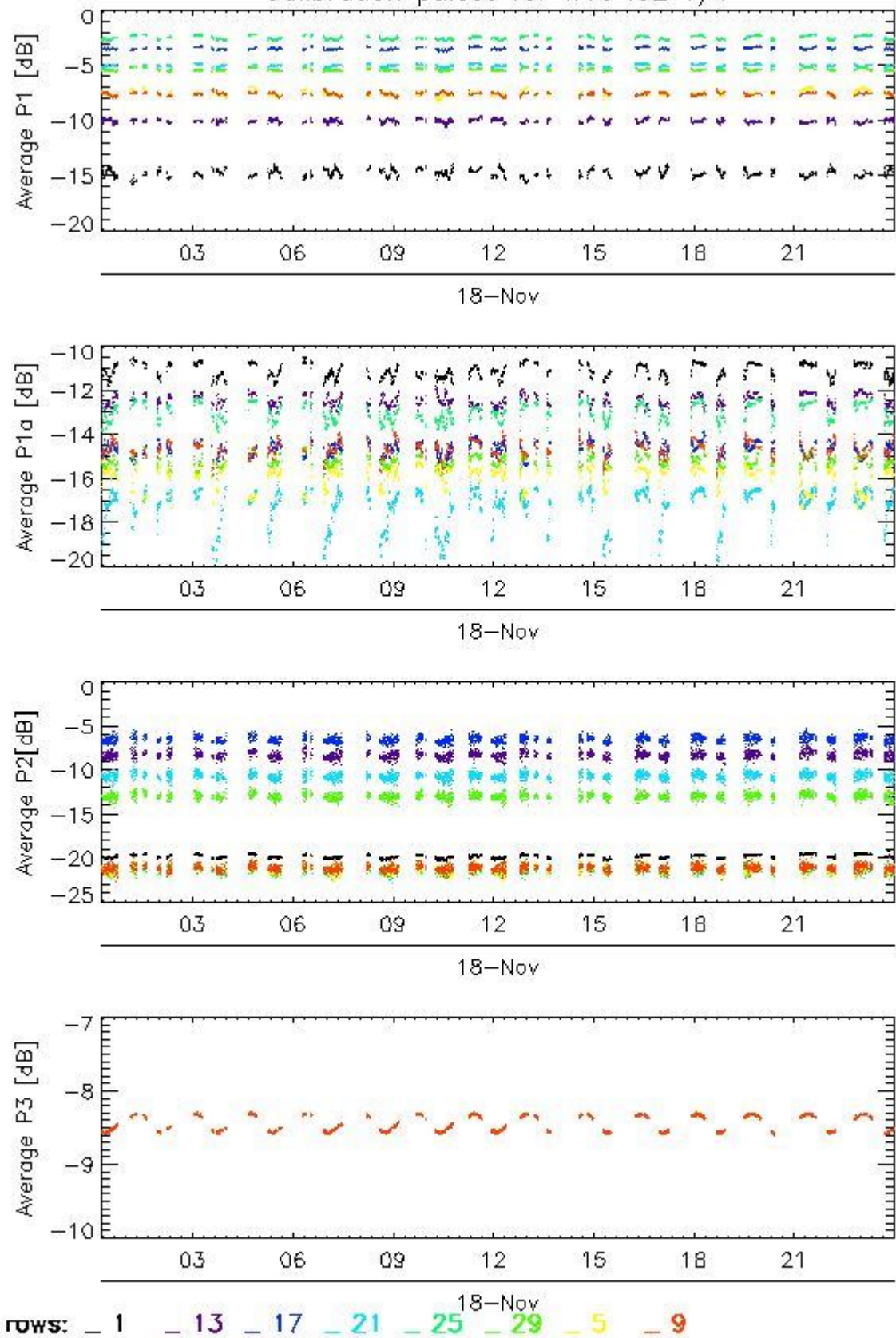
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[ BACK TO MENU ]

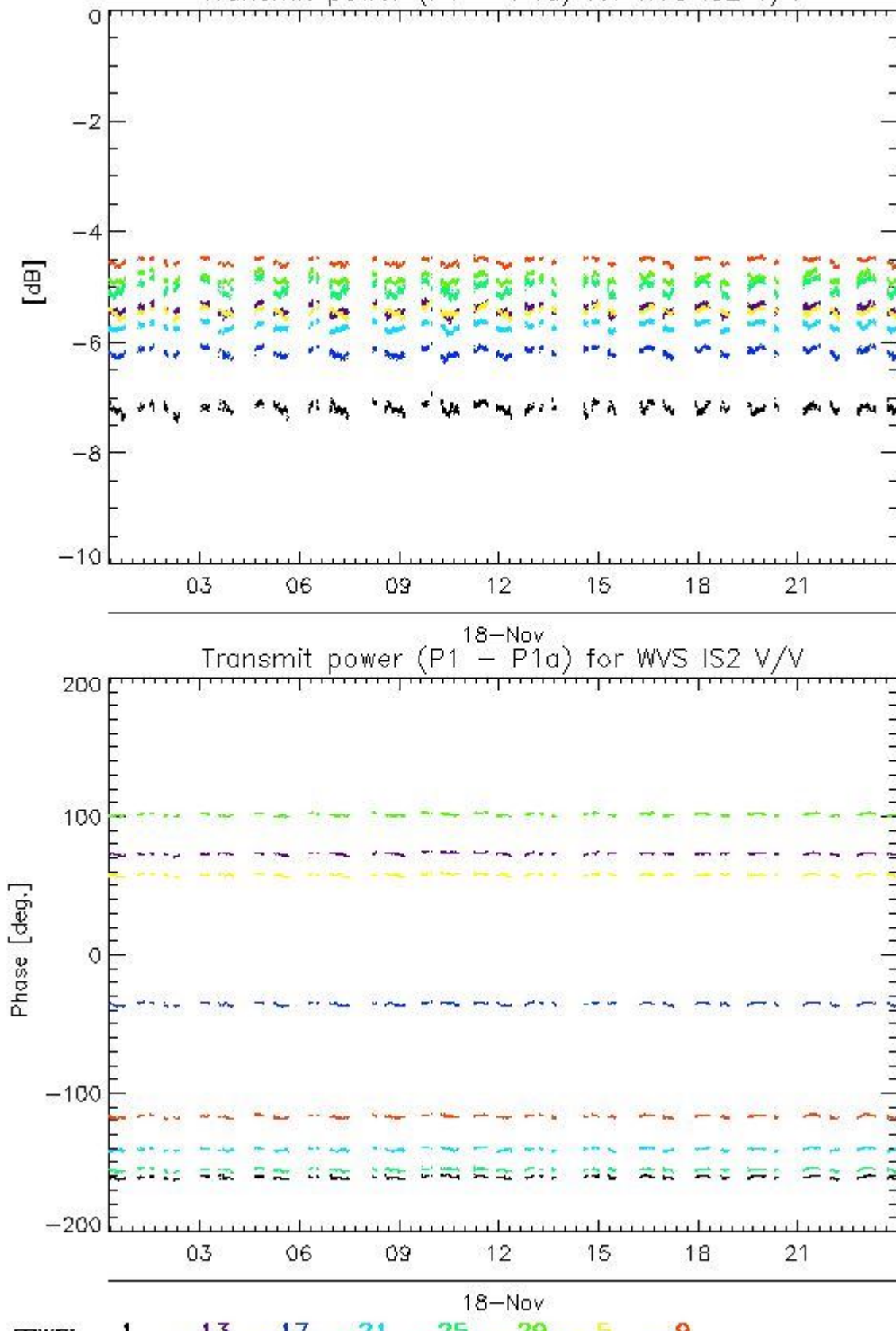
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Calibration pulses for WVS IS2 V/V



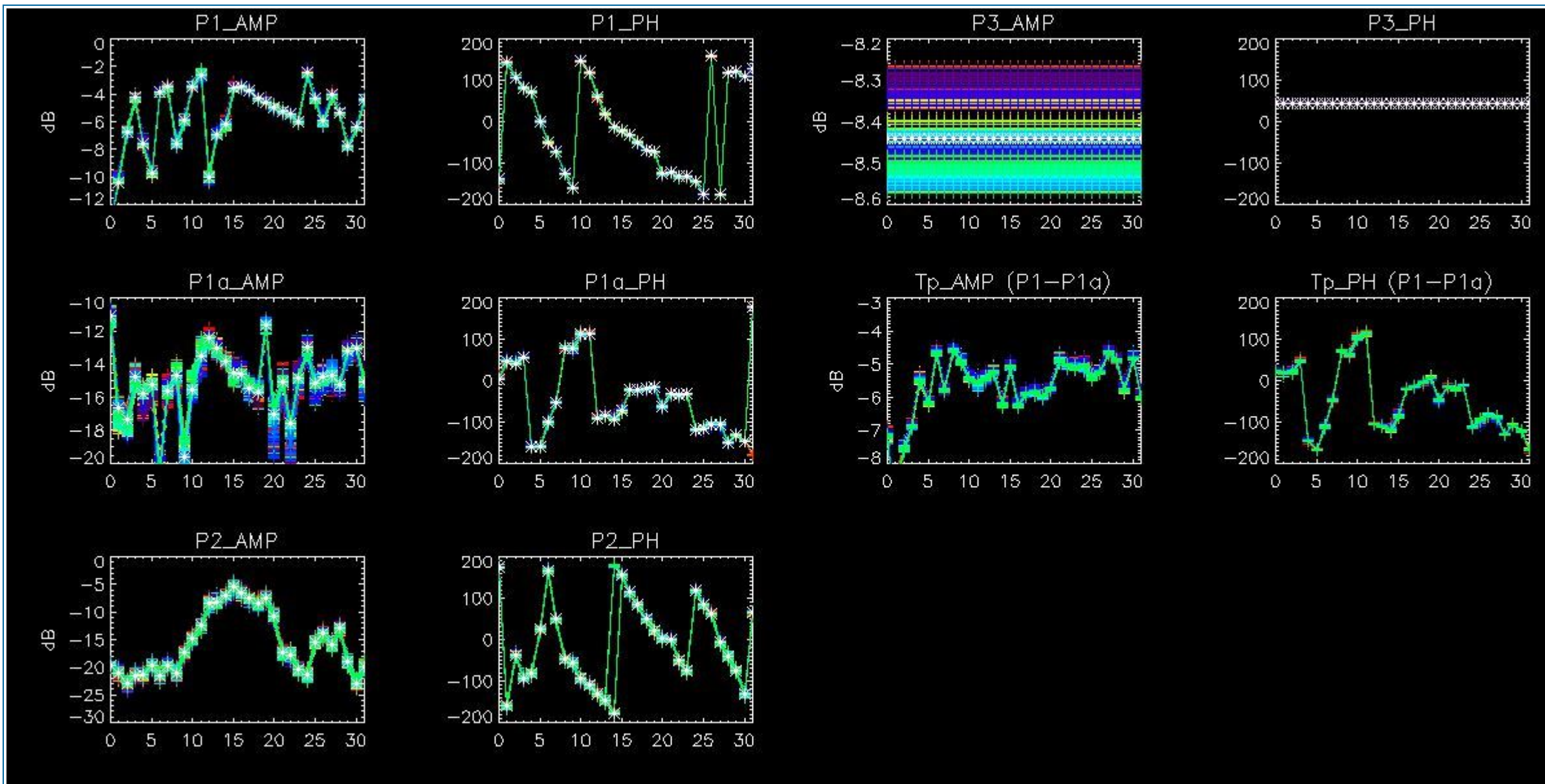
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[ BACK TO MENU ]





## 4.2 - Analysis for GM1 SS3 H/H

### 4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

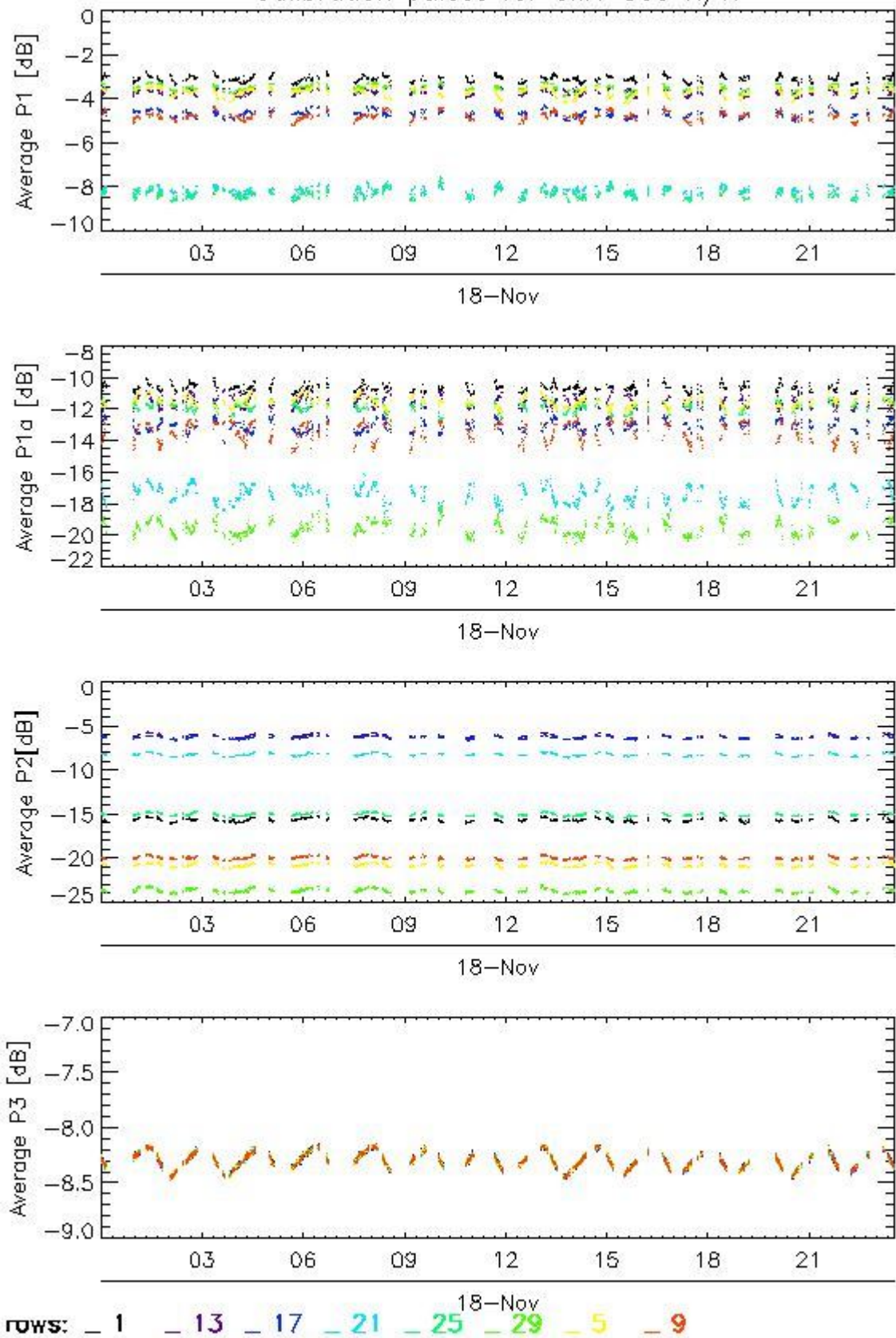
[ BACK TO MENU ]

Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

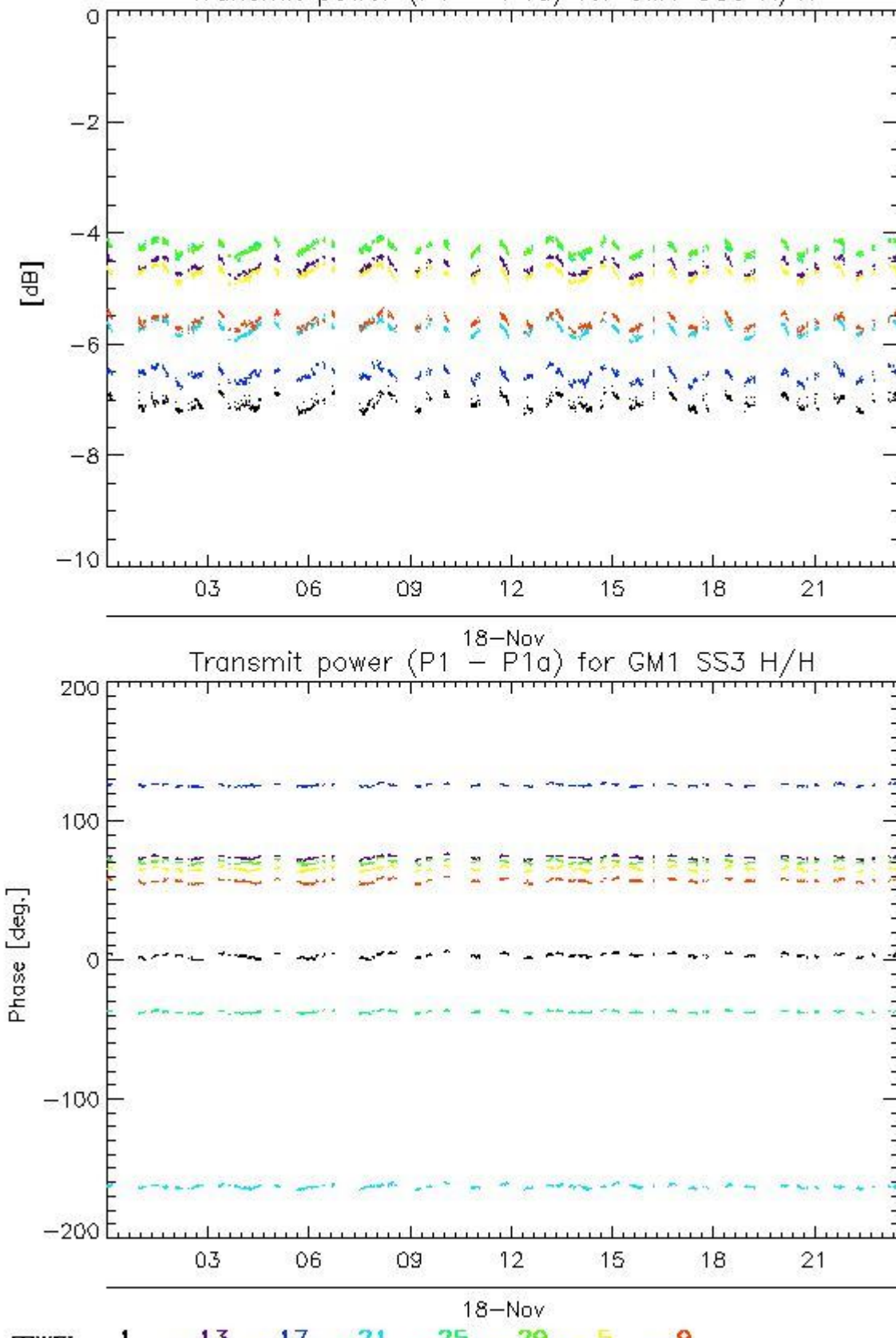
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



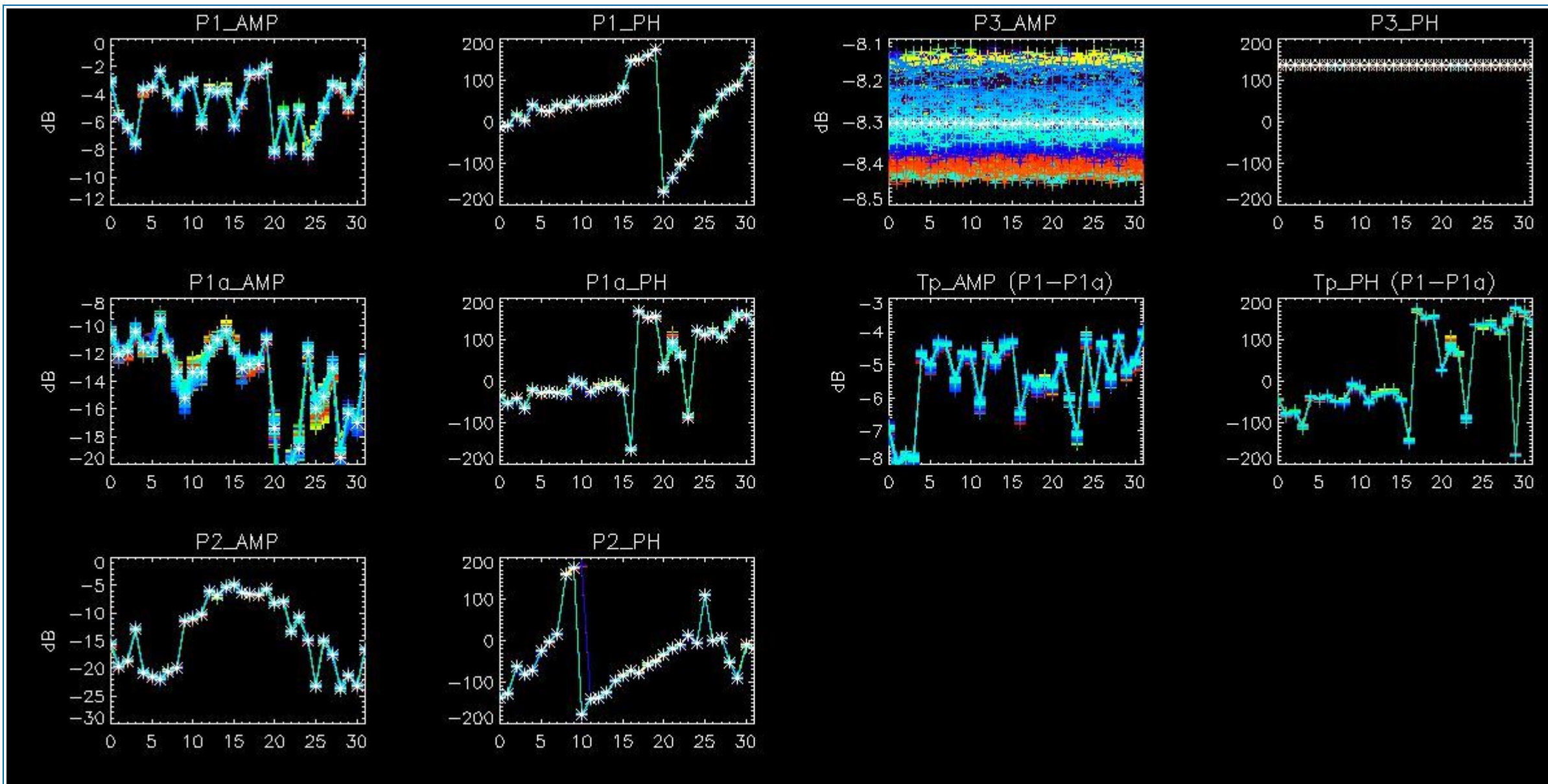
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[ [BACK TO MENU](#) ]





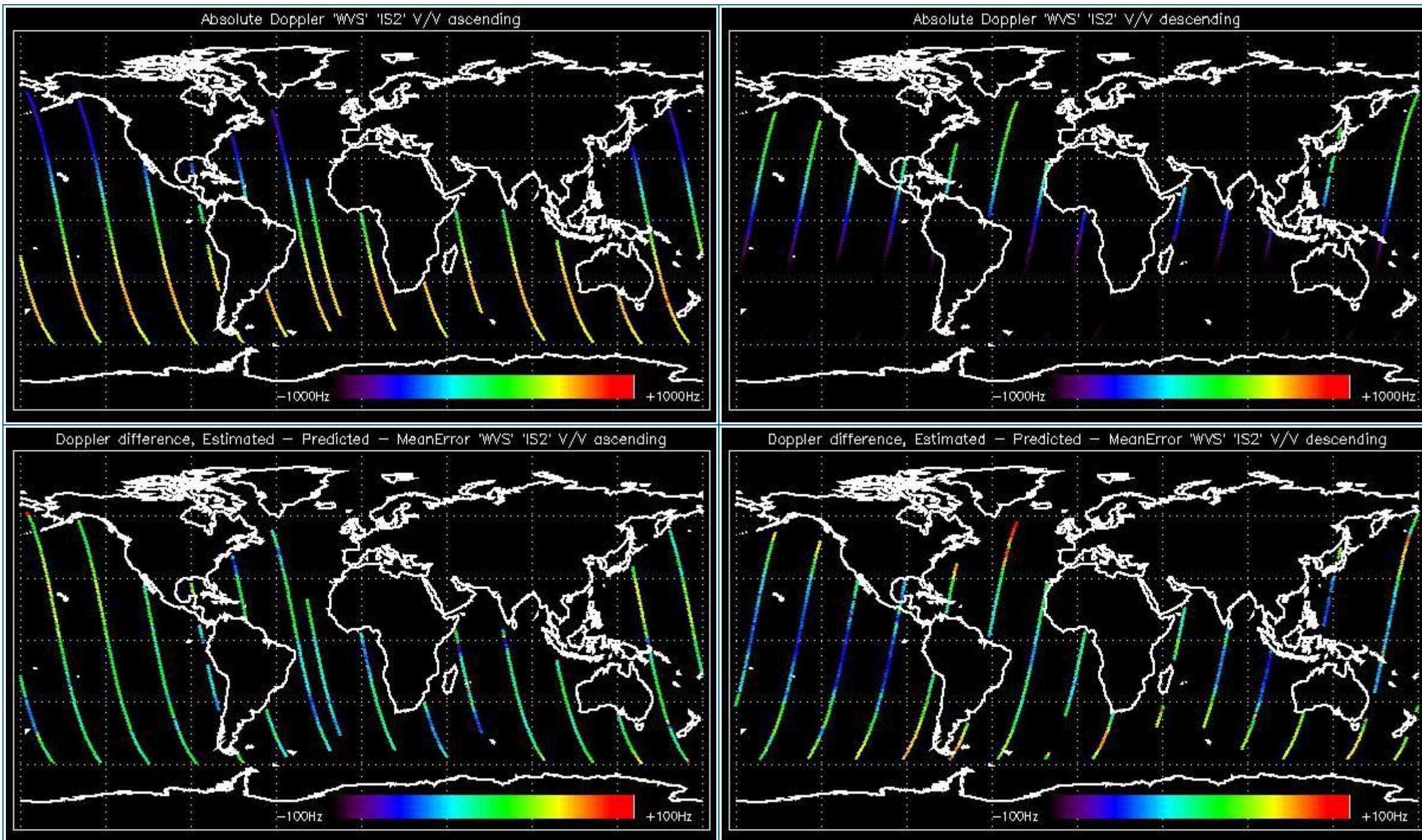
## 5 - DOPPLER ANALYSIS

### 5.1 - Analysis for WVS IS2 V/V

#### 5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]

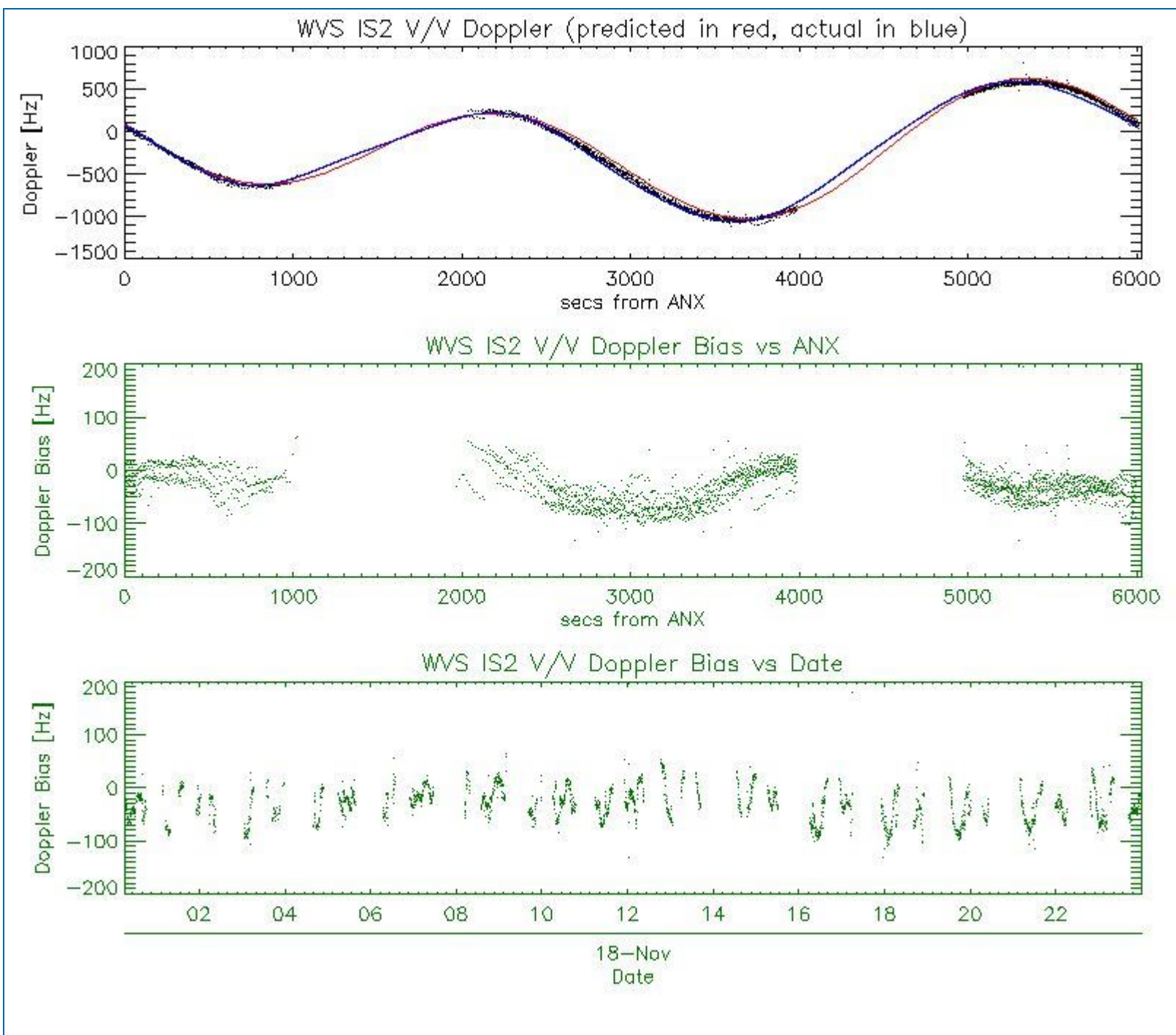




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]



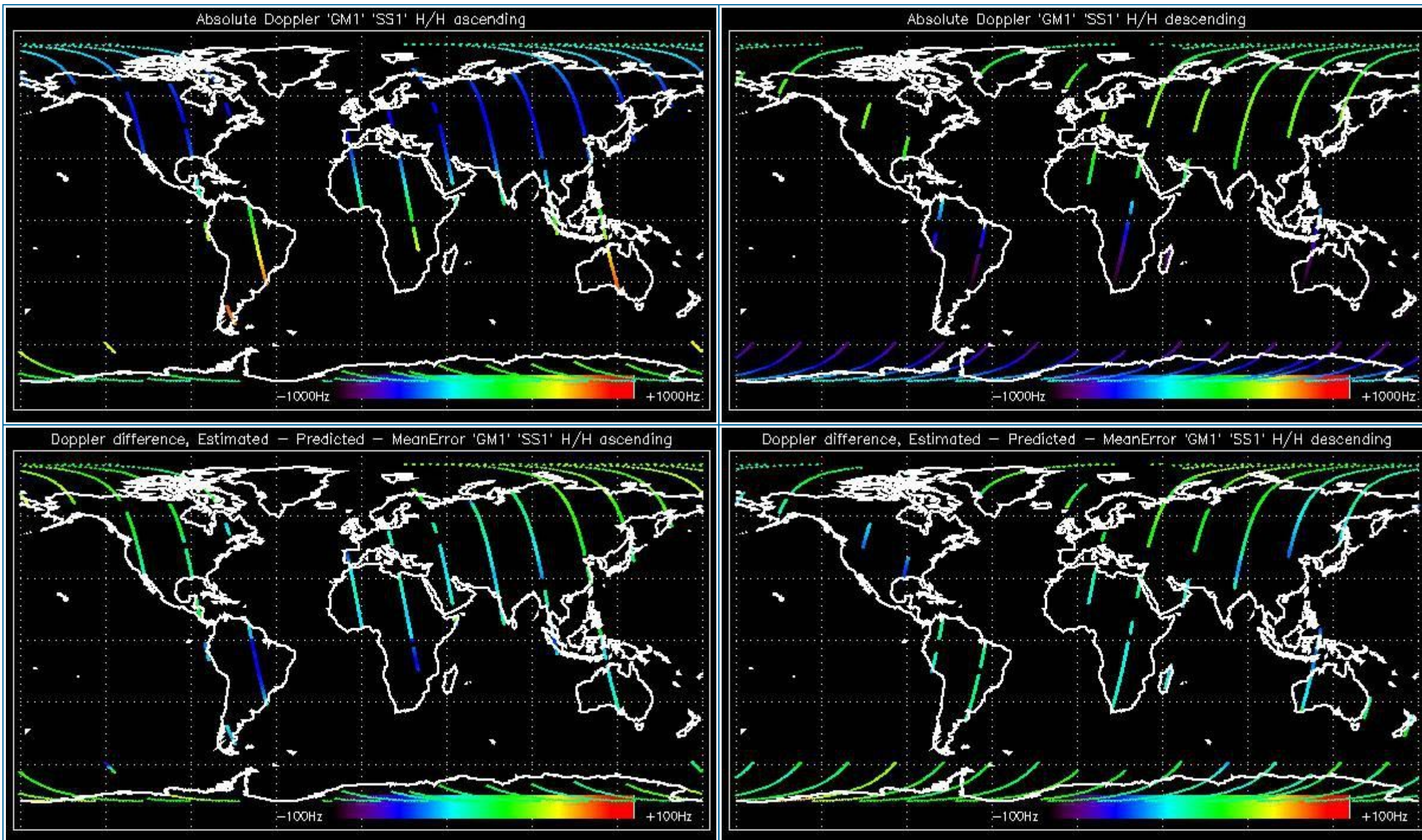


## 5.2 - Analysis for GM1 SS1 H/H

### 5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]

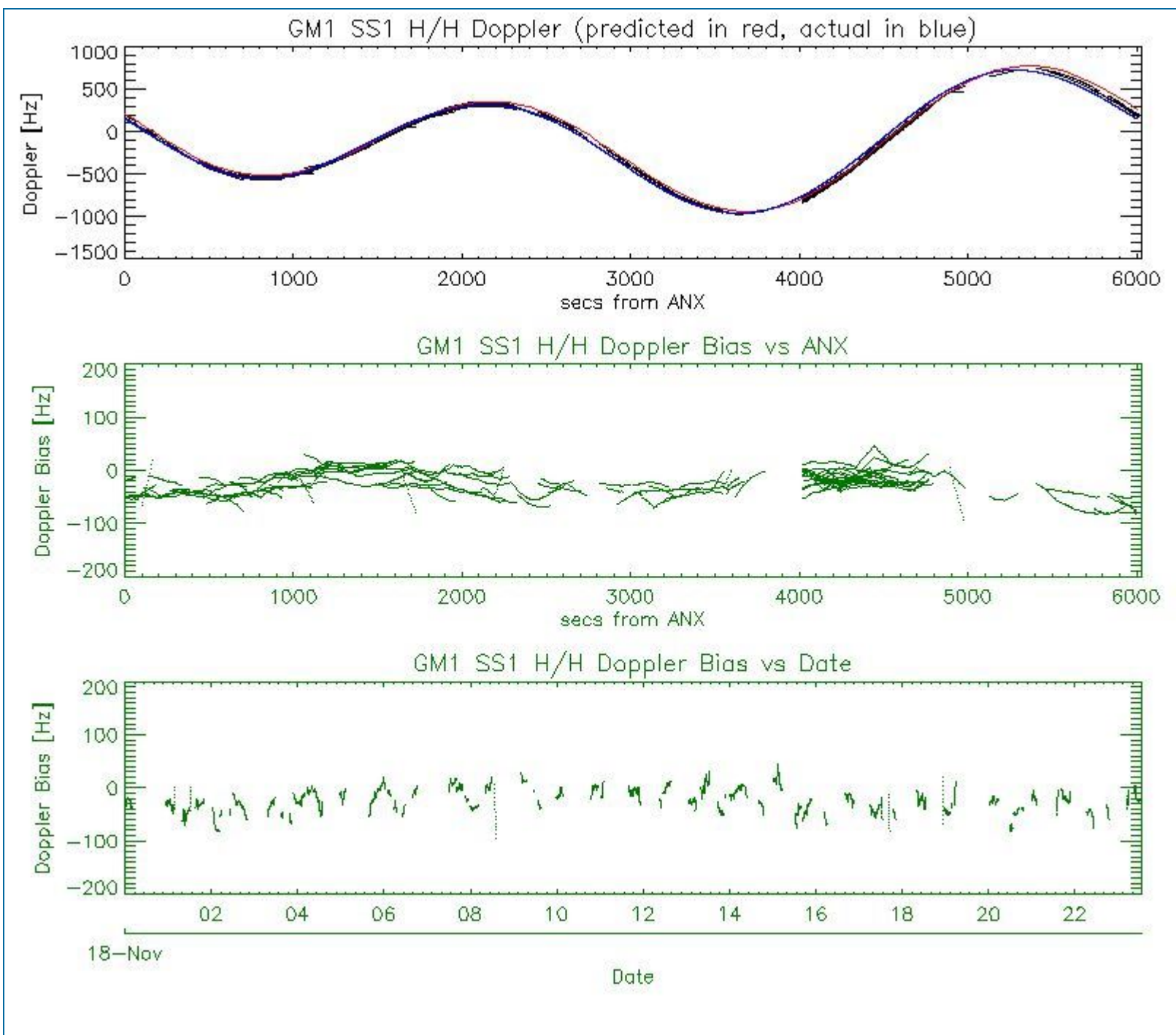




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]

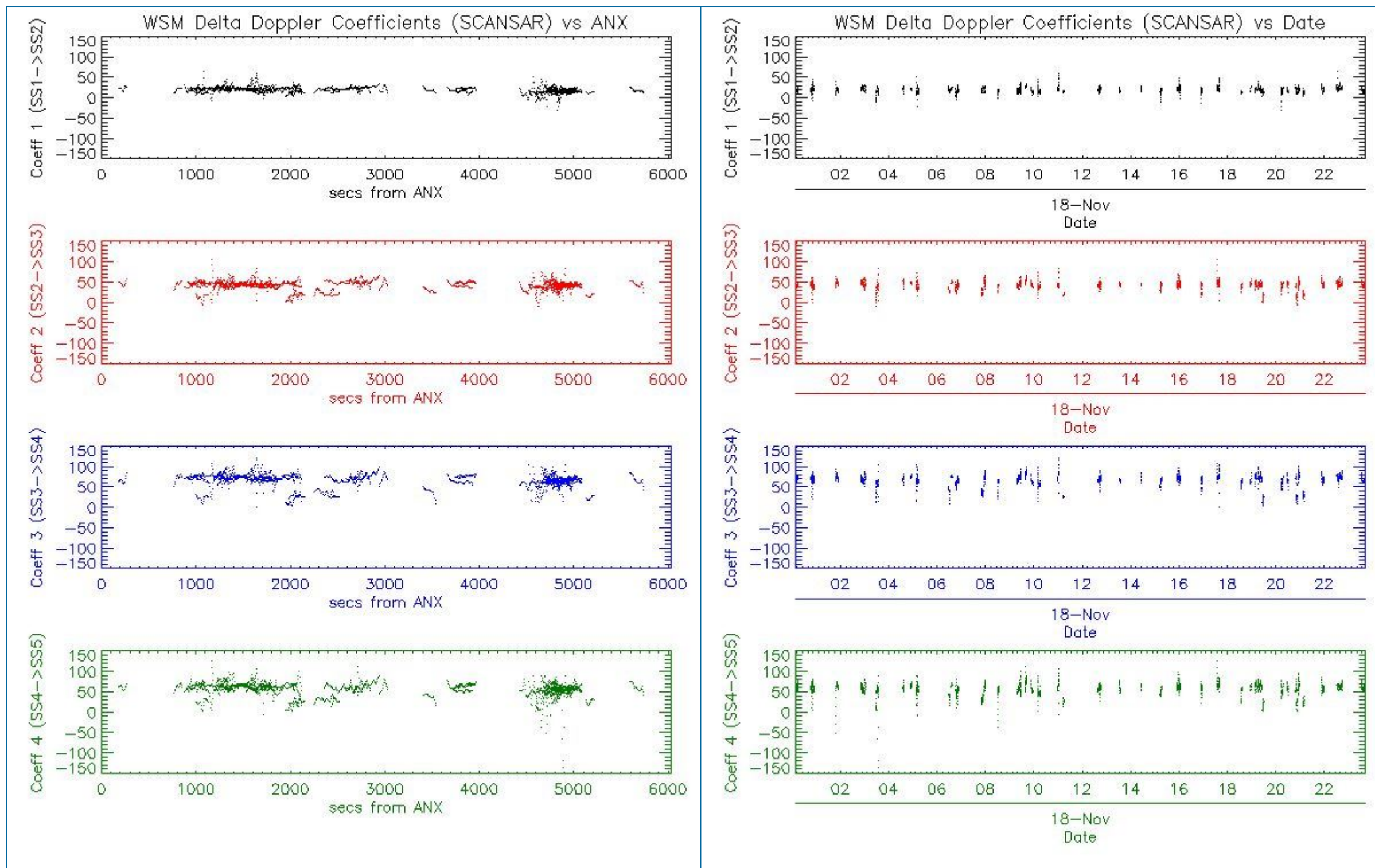




### 5.3 - Doppler JUMPS Analysis for WSM

[ BACK TO MENU ]





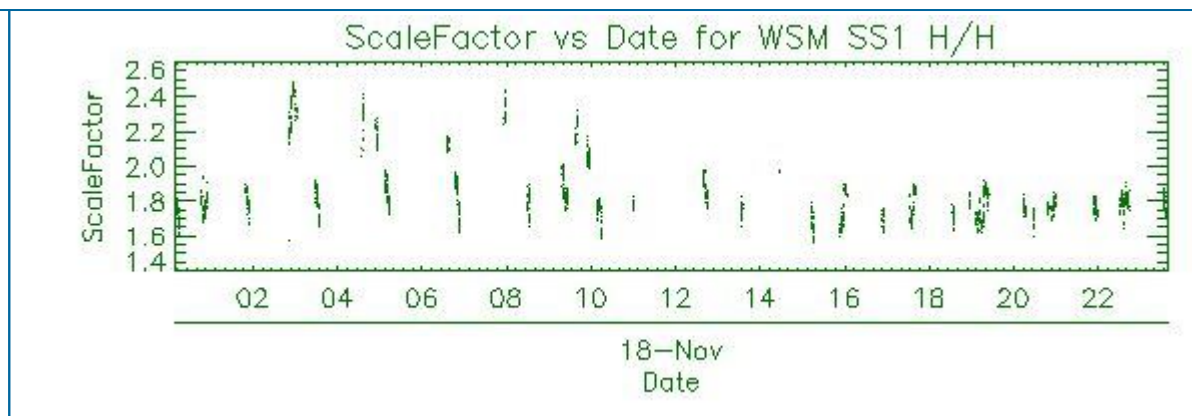
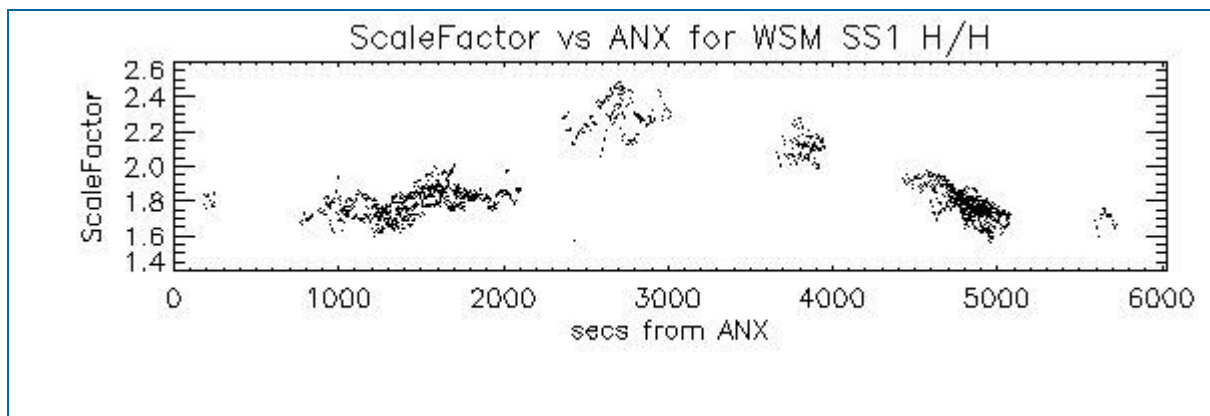
## 6 - CHIRP ANALYSIS

### 6.1 - Analysis for WSM SS1 H/H

#### 6.1.1 - ScaleFactor

[ [BACK TO MENU](#) ]

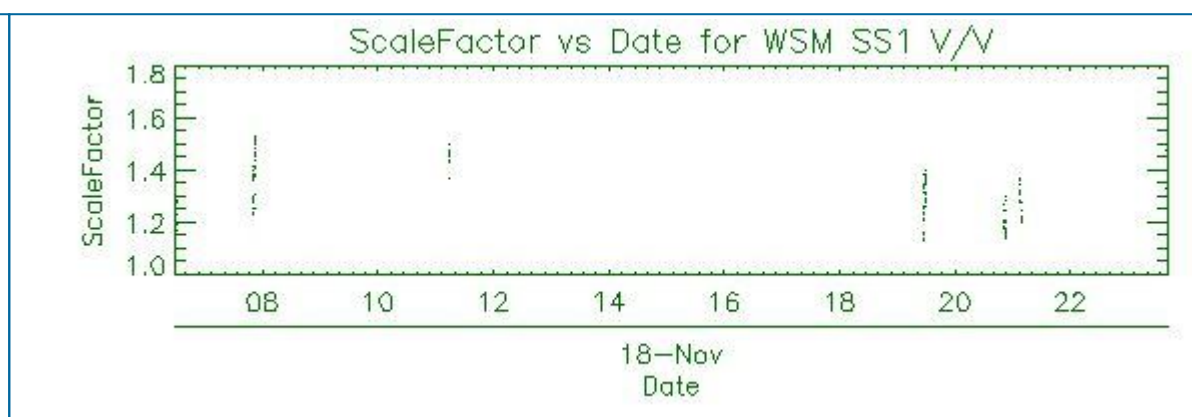
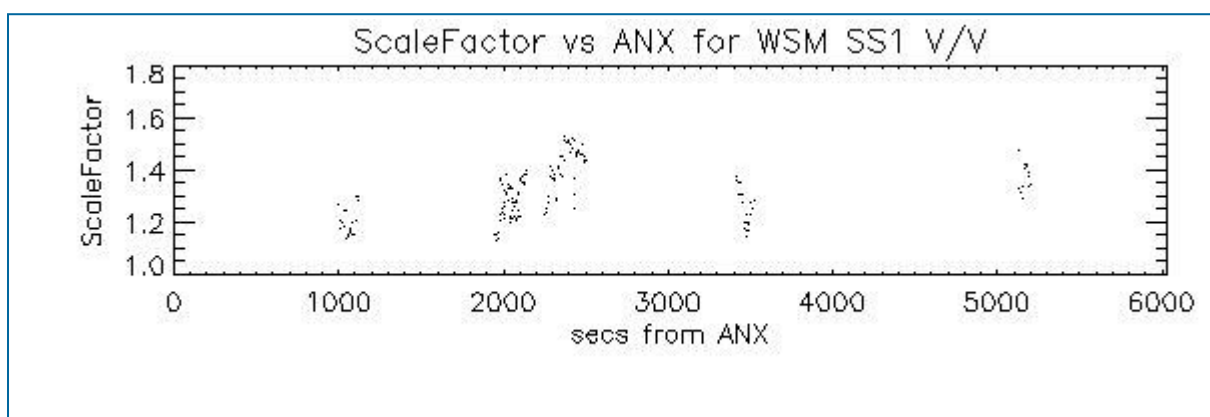




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]



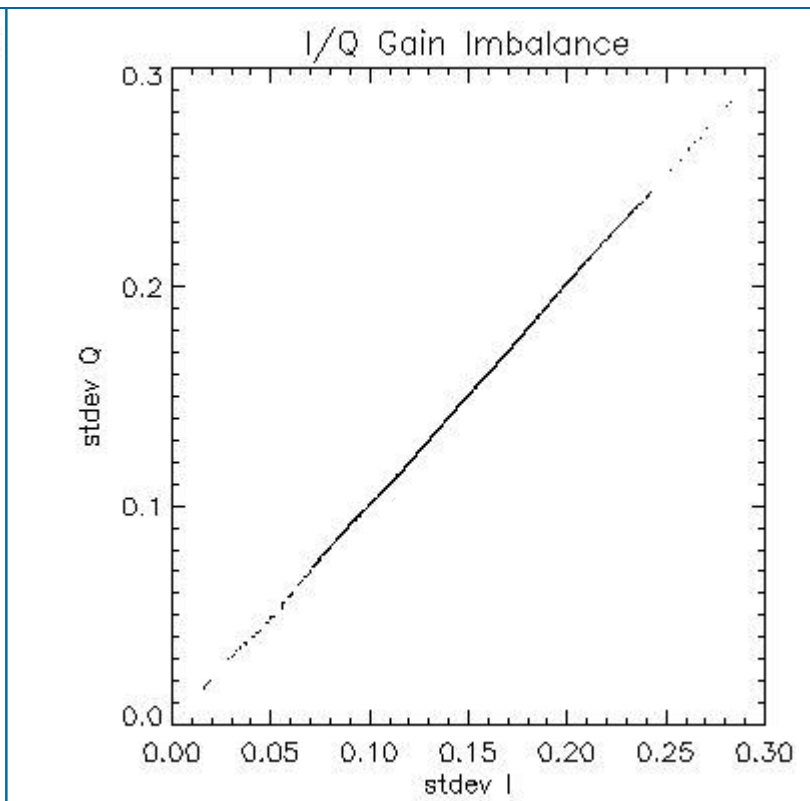
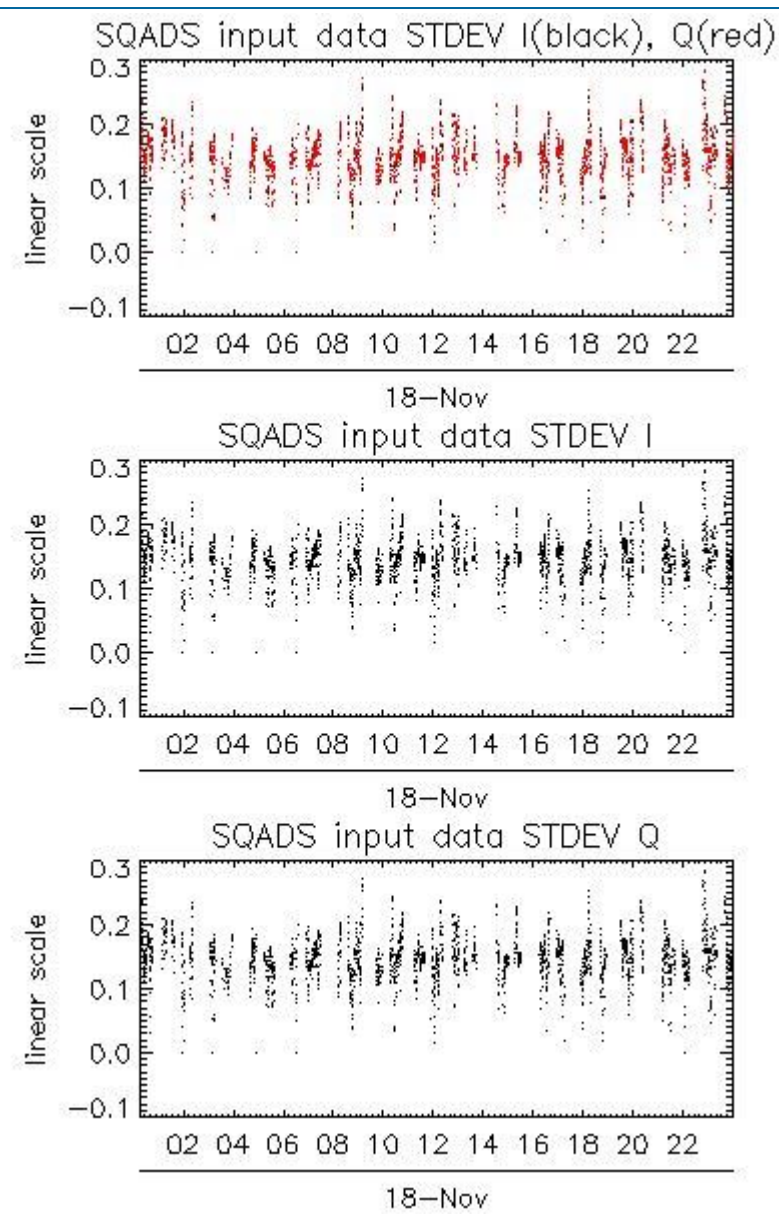
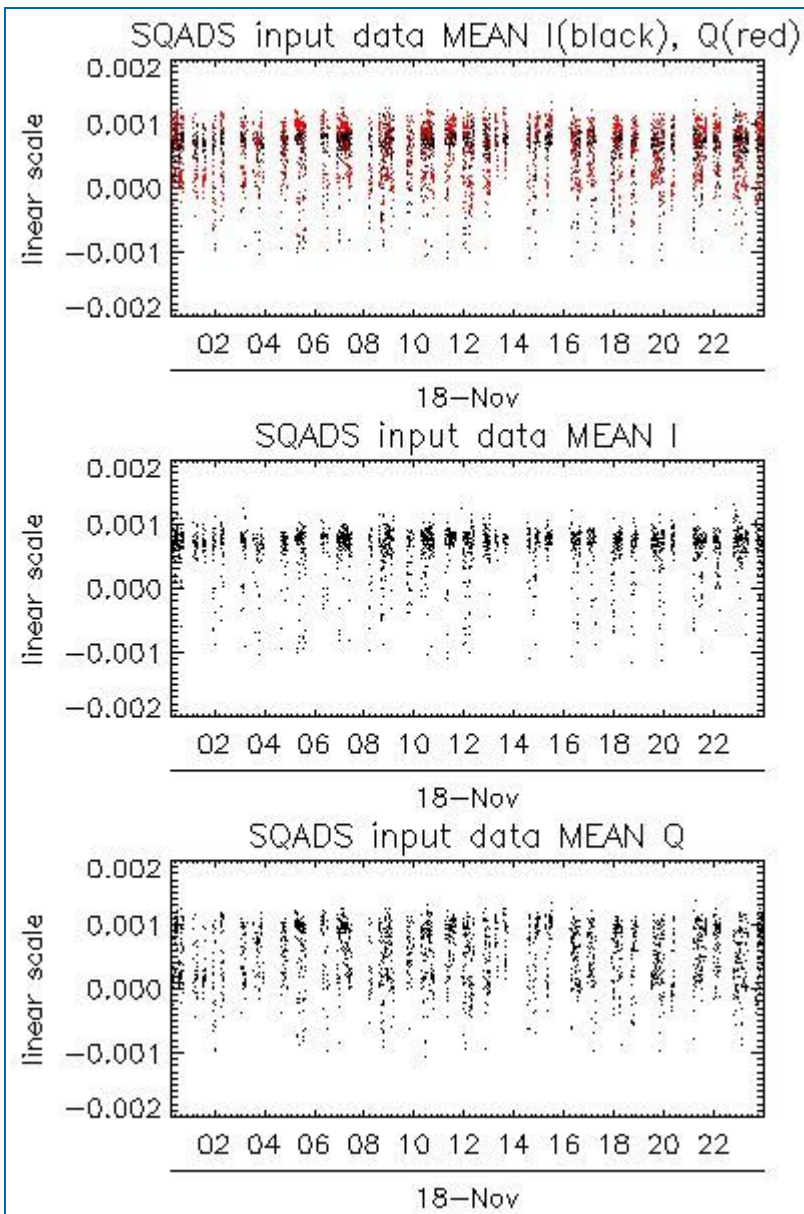
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

[ [BACK TO MENU](#) ]

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

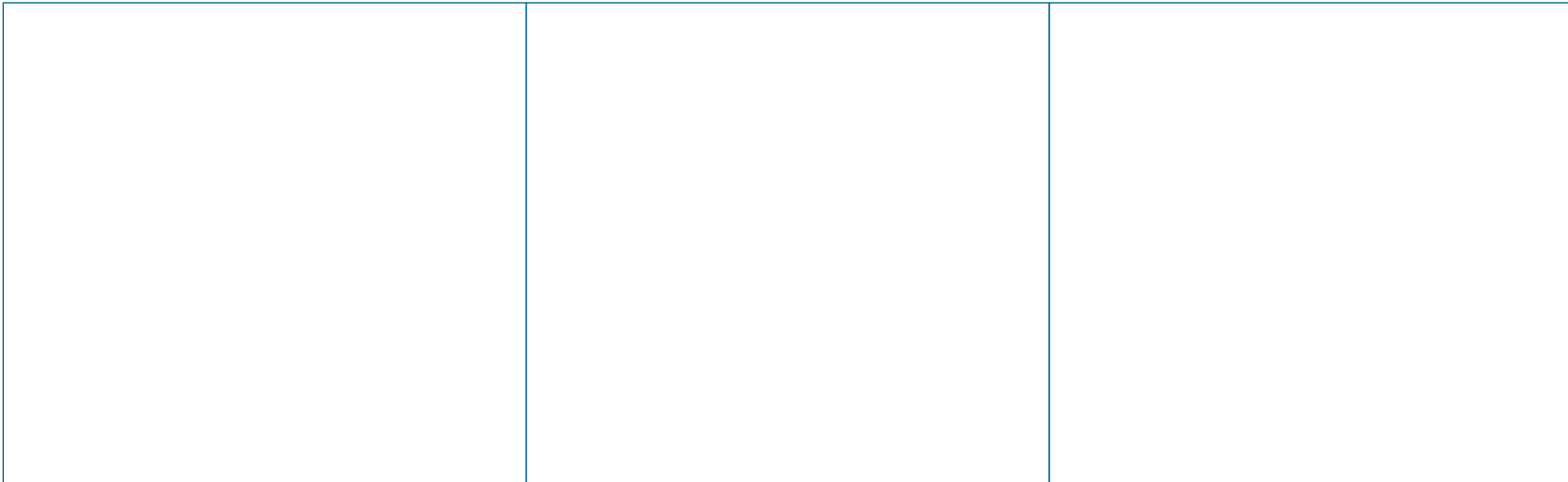


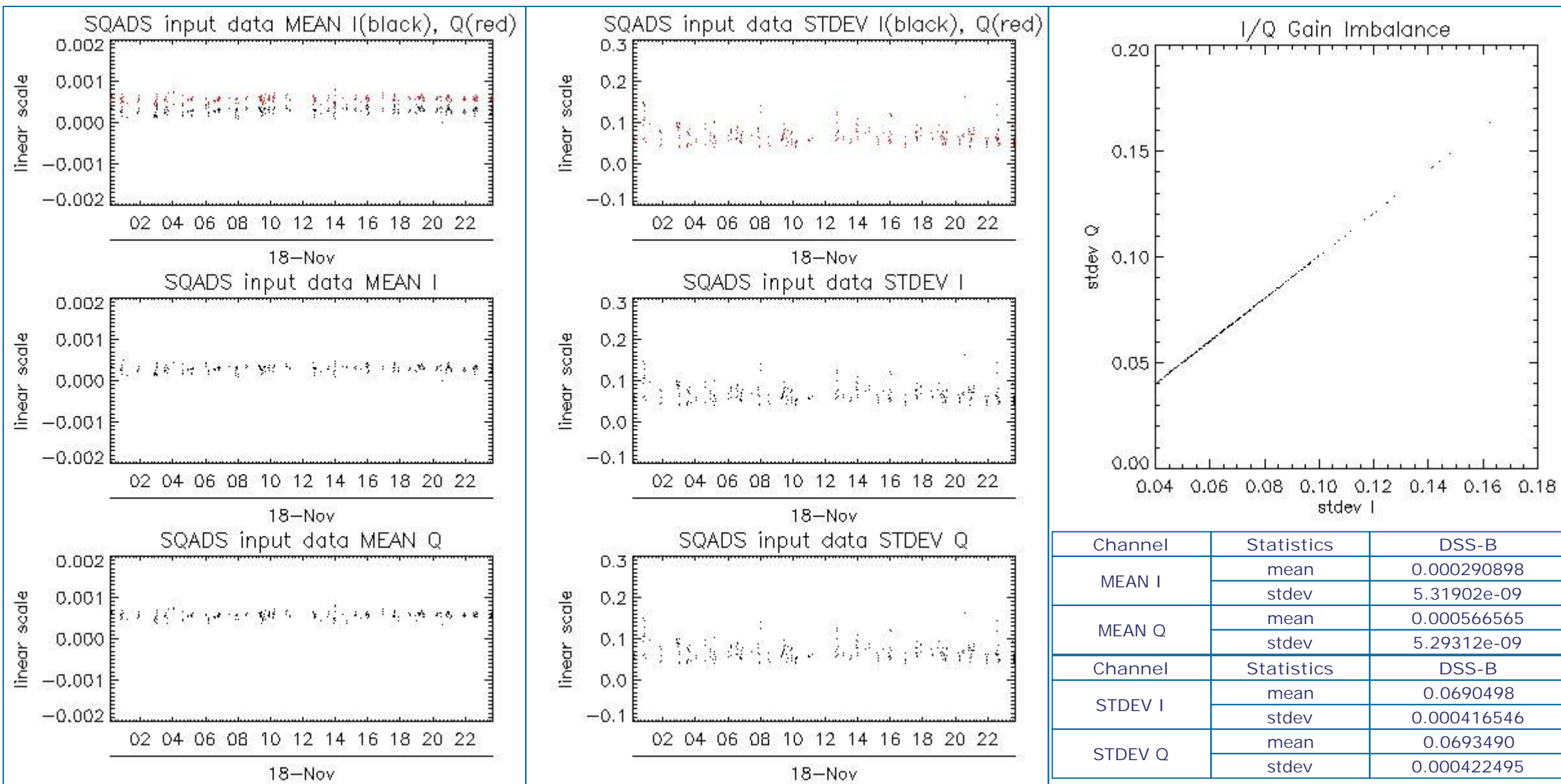


| Channel | Statistics | DSS-B       |
|---------|------------|-------------|
| MEAN I  | mean       | 0.000621020 |
|         | stdev      | 1.37204e-07 |
| MEAN Q  | mean       | 0.000540821 |
|         | stdev      | 2.11536e-07 |
| Channel | Statistics | DSS-B       |
| STDEV I | mean       | 0.146282    |
|         | stdev      | 0.00122808  |
| STDEV Q | mean       | 0.146825    |
|         | stdev      | 0.00125251  |

## 7.2 - Analysis for IMM

[ [BACK TO MENU](#) ]



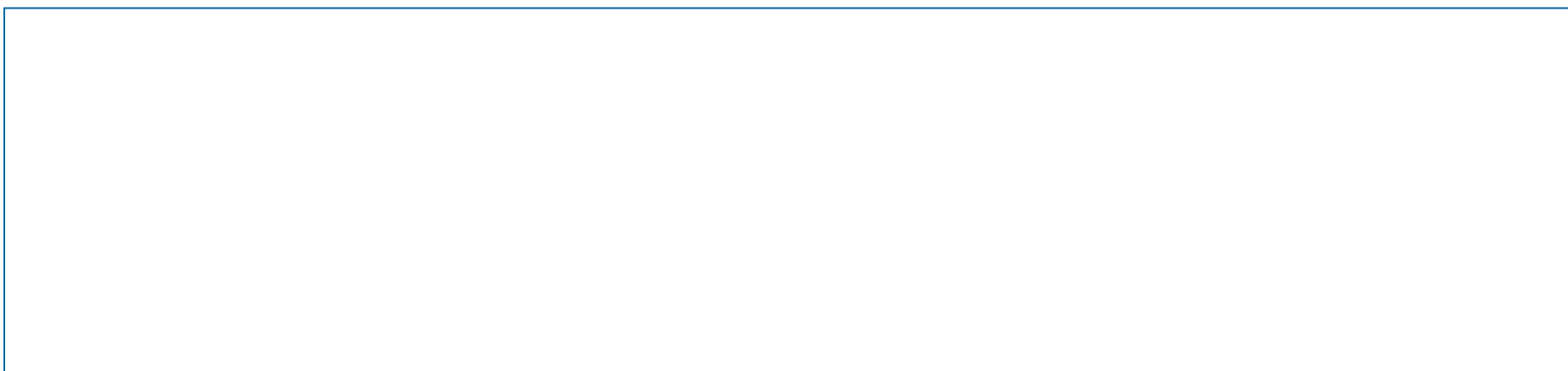


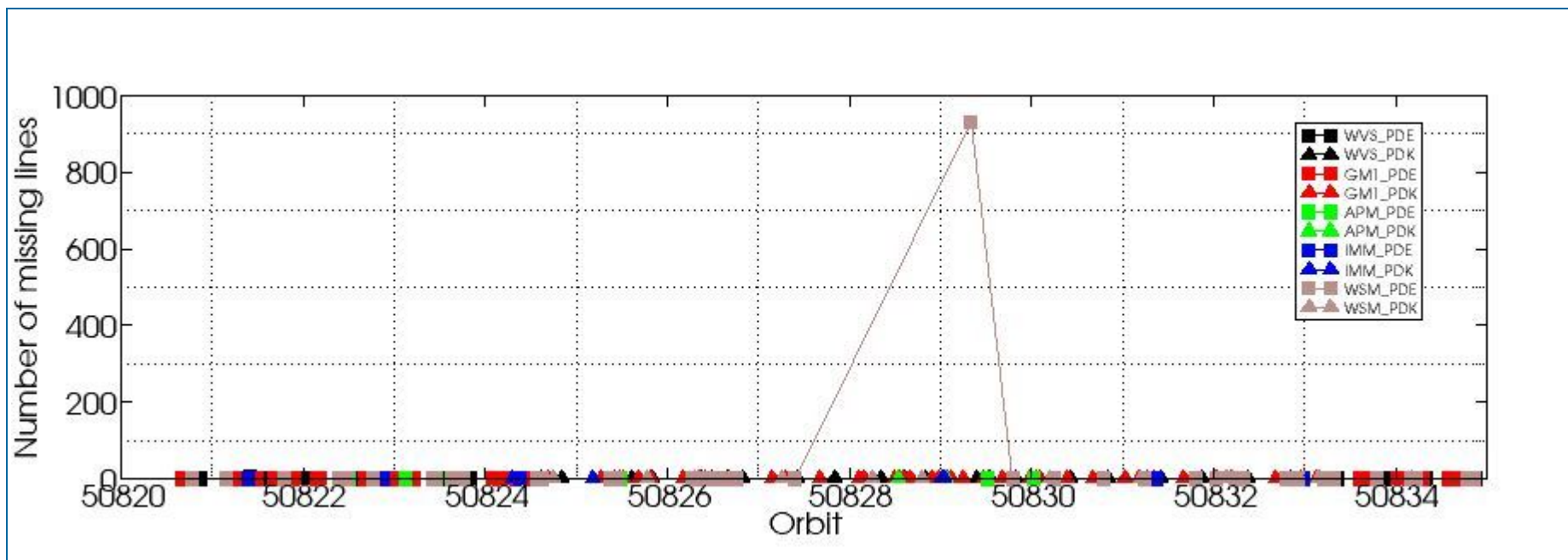
## 8 - TELEMETRY ANALYSIS

| Processing Center | Product  | Gaps | Missing lines |
|-------------------|--|------|---------------|
| PDE               | ASA_WVS_1PNPDE20111118_011243_000003953108_00376_50821_0537.N1 | 0    | 8             |
| PDE               | ASA_WVS_1PNPDE20111118_234119_000001053108_00389_50834_0952.N1 | 1    | 0             |
| PDE               | ASA_WSM_1PNPDE20111118_142639_000000423108_00384_50829_0823.N1 | 3    | 931           |

### 8.1 - Number of Missing lines

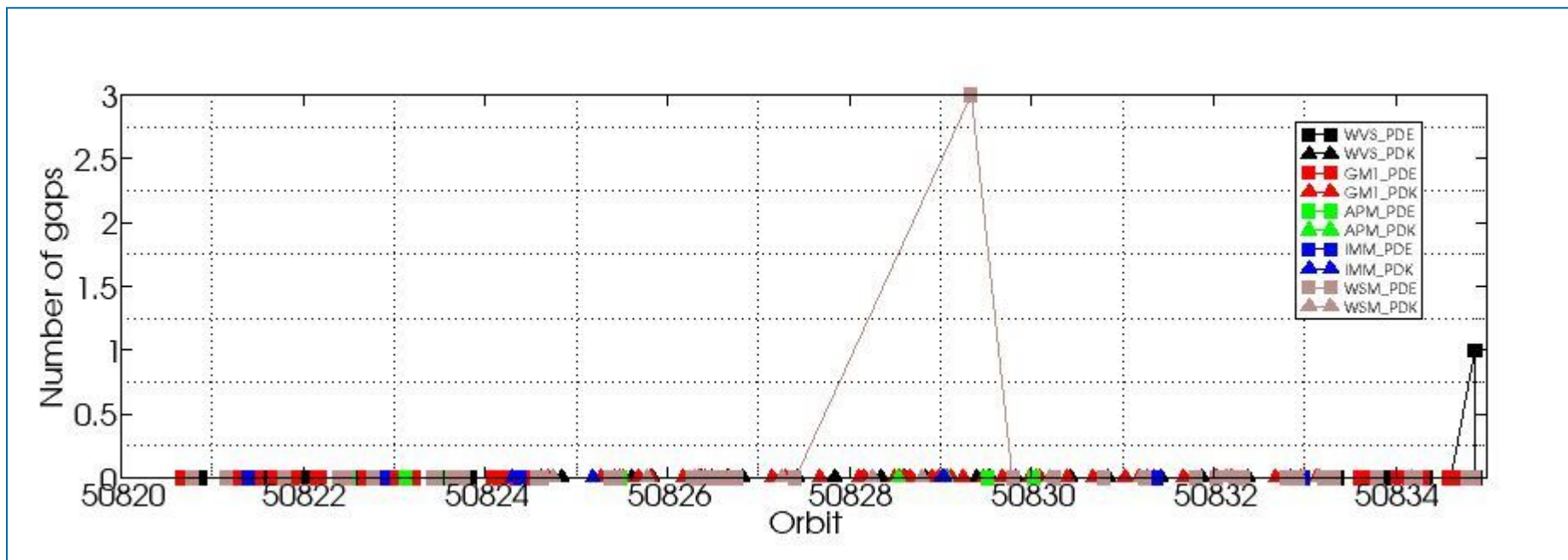
[ BACK TO MENU ]





## 8.2 - Number of Gaps

[ [BACK TO MENU](#) ]



#####  
ASAR DAILY REPORT for 111118  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-11-18 00:00:00

Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111118/

DATA SUMMARY  
#####  
Summary will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111118/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_111118/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111118/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111118/AUXILIARY

Creating directory ./RESULTS/DAILY/\_111118/AUXILIARY...

\*\*\*\*\*  
Looking for the IECF operational ADFs list...



ADF filter 20111118\*current\_3\_IECF\_ADFs.txt  
 Found list 20111118\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20110526\_075001\_20101027\_215740\_20141231\_000000  
 ASA\_INS\_AXVIEC20110124\_114858\_20101228\_112000\_20141231\_235959  
 ASA\_XCH\_AXVIEC20101222\_143057\_20020301\_000000\_20141231\_000000  
 ASA\_XCA\_AXVIEC20110526\_075734\_20101027\_215740\_20141231\_000000

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_WVS.txt...

|  |  |
|--|--|
| ASA_WVS_1PNPDE20111118_001556_000002243108_00375_50820_0503.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_001841_000016343108_00375_50820_0533.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_010852_000000743108_00376_50821_0532.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_011243_000003953108_00376_50821_0537.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_013127_000003753108_00376_50821_0538.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_015516_000001493108_00376_50821_0539.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_015701_000002853108_00376_50821_0562.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_021355_000005243108_00377_50822_0563.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_030302_000004503108_00377_50822_0564.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_031016_000003753108_00377_50822_0581.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_033442_000001053108_00377_50822_0580.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_034203_000003593108_00377_50822_0585.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_035114_000001343108_00377_50822_0584.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDE20111118_213733_000001803108_00388_50833_0913.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_213733_000001803108_00388_50833_0914.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_215900_000002543108_00388_50833_0915.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_220215_000007643108_00388_50833_0944.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_224712_000014543108_00389_50834_0947.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_231513_000003303108_00389_50834_0951.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111118_234119_000001053108_00389_50834_0952.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDK20111118_063238_000000753108_00379_50824_5726.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111118_065458_000019943108_00379_50824_5728.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDK20111118_095804_000000443108_00381_50826_5793.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDK20111118_124655_000009293108_00383_50828_5841.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDK20111118_133554_000003903108_00383_50828_5843.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111118_143254_000003893108_00384_50829_5875.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111118_144744_000007053108_00384_50829_5877.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDK20111118_161531_000014543108_00385_50830_5906.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111118_165654_000010643108_00385_50830_5908.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111118_175455_000014993108_00386_50831_5929.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111118_184105_000008243108_00386_50831_5933.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111118_193034_000017843108_00387_50832_5964.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |



ASA\_WVS\_1PNPDK20111118\_201748\_000004503108\_00387\_50832\_5970.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_GM1.txt...

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| ASA_GM1_1PNPDK20111118_174112_000000783108_00386_50831_5925.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111118_174756_000001993108_00386_50831_5927.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111118_182043_000007493108_00386_50831_5931.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_GM1_1PNPDK20111118_204645_000001143108_00388_50833_5969.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_APM.txt...

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| ASA_APM_1PNPDE20111118_040349_000000423108_00378_50823_0577.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20111118_043821_000000563108_00378_50823_0579.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20111118_080135_000000433108_00380_50825_0639.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20111118_093220_000000443108_00381_50826_0665.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20111118_144402_000000443108_00384_50829_0822.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20111118_153629_000000573108_00385_50830_0818.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20111118_153629_000000573108_00385_50830_0820.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDK20111118_130645_000000423108_00383_50828_5842.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDK20111118_135848_000000803108_00384_50829_5861.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_IMM.txt...

|  |  |
|--|--|
| ASA_IMM_1PNPDE20111118_011140_000000563108_00376_50821_0530.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111118_033950_000001283108_00377_50822_0576.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111118_061004_000002173108_00379_50824_0611.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111118_093006_000000373108_00381_50826_0663.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111118_175111_000002183108_00386_50831_0872.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111118_203255_000000373108_00387_50832_0912.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111118_210403_000000443108_00388_50833_0923.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111118_060122_000001673108_00379_50824_5719.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111118_072948_000000353108_00380_50825_5741.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111118_092914_000000373108_00381_50826_5772.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111118_135416_000000563108_00384_50829_5858.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111118_135521_000001003108_00384_50829_5852.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111118_135714_000000703108_00384_50829_5860.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

\*\*\*\*\*

Analysing WSM products...

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_111118/AUXILIARY/Check\_ADFs\_WSM.txt...

|  |  |
|--|--|
| ASA_WSM_1PNPDE20111118_000925_000003923108_00375_50820_0494.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_004632_000005693108_00376_50821_0574.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_014944_000003363108_00376_50821_0535.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_025045_000004103108_00377_50822_0556.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_030035_000000923108_00377_50822_0557.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_032810_000003923108_00377_50822_0575.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_043458_000001533108_00378_50823_0578.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_045426_000002143108_00378_50823_0599.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_050712_000003923108_00378_50823_0610.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_062850_000001353108_00379_50824_0621.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_063430_000002143108_00379_50824_0627.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_074946_000002143108_00380_50825_0637.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_075639_000001903108_00380_50825_0638.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_091854_000002693108_00381_50826_0661.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_092332_000002513108_00381_50826_0662.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_093740_000002323108_00381_50826_0669.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_095332_000000923108_00381_50826_0672.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_095435_000002083108_00381_50826_0695.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_100900_000003923108_00381_50826_0701.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_111317_000000923108_00382_50827_0693.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_142639_000000423108_00384_50829_0823.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_151248_000002143108_00384_50829_0816.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_151248_000002143108_00384_50829_0819.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_155751_000003363108_00385_50830_0834.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_165323_000002143108_00385_50830_0827.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_173736_000002143108_00386_50831_0848.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_183313_000001903108_00386_50831_0870.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_185653_000000923108_00387_50832_0877.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_191805_000001843108_00387_50832_0879.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_192150_000001903108_00387_50832_0899.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_192619_000002083108_00387_50832_0900.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_201317_000002753108_00387_50832_0898.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_202705_000001533108_00387_50832_0901.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_205431_000003303108_00388_50833_0922.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_210703_000001473108_00388_50833_0924.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_215328_000003303108_00388_50833_0908.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_223100_000000923108_00389_50834_0929.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_223616_000004773108_00389_50834_0960.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_233237_000003923108_00389_50834_0945.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111118_233945_000000923108_00389_50834_0950.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_064549_000004893108_00379_50824_5740.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_082950_000002323108_00380_50825_5763.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_092146_000000983108_00381_50826_5764.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_092621_000000923108_00381_50826_5773.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_105854_000001533108_00382_50827_5799.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_123824_000005143108_00383_50828_5828.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_133227_000001903108_00383_50828_5846.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_155329_000003003108_00385_50830_5893.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_173302_000003063108_00386_50831_5918.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_190639_000000923108_00387_50832_5928.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_190938_000001533108_00387_50832_5941.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_191427_000002513108_00387_50832_5947.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_204844_000000923108_00388_50833_5963.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_205043_000001353108_00388_50833_5968.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111118_223140_000002453108_00389_50834_5994.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_111118/MODULE\_STEPPING



```
Creating directory ./RESULTS/DAILY/_11118/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_11118/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...
```

```
*****
*****
```

```
Creating images comparing with second reference...
```

```
Exporting results to the directory ../../RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE...
```

```
Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20111118_063904_000000163108_00379_50824_0889.N1
H
H
../../RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE/TGH_20111118_063904-20010209_135042.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE/TPH_20111118_063904-20010209_135042.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE/RGH_20111118_063904-20010209_135042.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE/RPH_20111118_063904-20010209_135042.png
```

```
Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20111118_081918_000000163108_00380_50825_0890.N1
V
V
../../RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE/TGV_20111118_081918-20010209_140823.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE/TPV_20111118_081918-20010209_140823.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE/RGV_20111118_081918-20010209_140823.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/SECOND_REFERENCE/RPV_20111118_081918-20010209_140823.png
```

```
*****
*****
```

```
Creating images comparing with previous product reference...
```

```
Exporting results to the directory ../../RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
```

```
Polarization: H
Reference product: ASA_MS__0PNPDK20111117_071548_000000163108_00365_50810_0887.N1
Test product: ASA_MS__0PNPDK20111118_063904_000000163108_00379_50824_0889.N1
H
H
../../RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20111118_063904-20111117_071548.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20111118_063904-20111117_071548.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20111118_063904-20111117_071548.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20111118_063904-20111117_071548.png
```

```
Polarization: V
Reference product: ASA_MS__0PNPDK20111117_085602_000000163108_00366_50811_0888.N1
Test product: ASA_MS__0PNPDK20111118_081918_000000163108_00380_50825_0890.N1
V
V
../../RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20111118_081918-20111117_085602.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20111118_081918-20111117_085602.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20111118_081918-20111117_085602.png
../../RESULTS/DAILY/_11118/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20111118_081918-20111117_085602.png
```

```
MODULE_STEPPING ANALYSIS completed
```

```
#####
```

```
CALIBRATION PULSES ANALYSIS
```

```
#####
```

```
Creating directory ./RESULTS/DAILY/_11118/CALIBRATION_PULSES...
```

\*\*\*\*\*  
\*\*\*\*\*

ALL ROWS Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59

Analysing products WVS IS2 V/V

1 75169 7 75169

Writing image ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

1 41217 7 41217

Writing image ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*

TEMPORAL EVOLUTION Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2011-11-18 00:00:00 to 2011-11-18 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_111118/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-11-18\_1.dat...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-11-18 00:00:00 to 2011-11-18 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_111118/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-11-18\_2.dat...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-11-18 00:00:00 to 2011-11-18 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_111118/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-11-18\_3.dat...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-11-18 00:00:00 to 2011-11-18 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_111118/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-11-18\_4.dat...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2011-11-18 00:00:00 to 2011-11-18 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_111118/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-11-18\_1.dat...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-11-18 00:00:00 to 2011-11-18 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_111118/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-11-18\_2.dat...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-11-18 00:00:00 to 2011-11-18 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_111118/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-11-18\_3.dat...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-11-18 00:00:00 to 2011-11-18 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_111118/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-11-18\_4.dat...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...

Writing ../../RESULTS/DAILY/\_111118//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_111118/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*

DOPPLER ANX Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...

Writing file ./RESULTS/DAILY/\_111118/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-11-18.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_111118/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...

Writing file ./RESULTS/DAILY/\_111118/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-11-18.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_111118/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*

DOPPLER JUMPS Analysis will be performed on WSM products from 2011-11-18 00:00:00 to 2011-11-18 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...

Writing file ./RESULTS/DAILY/\_111118/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-11-18.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_111118/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_111118/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*

DOPPLER MAP Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59

Analysing products WVS IS2 V/V

1111

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

87.7758

10.5846

-66.5771

-142.520

-216.086

-286.172

-351.735

-411.816

-465.557

-512.209

-551.146

-581.874

-604.040

-617.434

-621.993

-617.804

-605.099

-584.252

-555.770  
-520.289  
-478.560  
-431.434  
-379.856  
-324.838  
-267.455  
-208.814  
-150.050  
-92.2908  
-36.6568  
15.7690  
63.9616  
106.958  
143.888  
173.973  
196.555  
211.098  
217.196  
214.587  
203.150  
182.918  
154.068  
116.919  
71.9387  
19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914

570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -37.673879 Hz

Writing file ../../RESULTS/DAILY/\_111118//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_111118//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

1240

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

87.7758  
10.5846  
-66.5771  
-142.520  
-216.086  
-286.172  
-351.735  
-411.816  
-465.557  
-512.209  
-551.146  
-581.874  
-604.040  
-617.434  
-621.993  
-617.804  
-605.099  
-584.252  
-555.770  
-520.289  
-478.560  
-431.434  
-379.856  
-324.838  
-267.455  
-208.814  
-150.050  
-92.2908  
-36.6568  
15.7690  
63.9616  
106.958  
143.888  
173.973  
196.555  
211.098  
217.196  
214.587  
203.150  
182.918

154.068  
116.919  
71.9387  
19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -26.145885 Hz

Writing file ../../RESULTS/DAILY/\_111118//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...

Writing file ../../RESULTS/DAILY/\_111118//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

2685

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.GM\_1

216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506  
-517.465  
-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414

-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022  
425.926  
501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -20.612214 Hz  
Writing file ../../RESULTS/DAILY/\_111118//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_111118//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

2462  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506



-517.465  
-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022



425.926  
 501.129  
 568.661  
 627.675  
 677.441  
 717.367  
 747.001  
 766.044  
 774.352  
 771.933  
 758.957  
 735.740  
 702.757  
 660.611  
 610.049  
 551.927  
 487.220  
 416.983  
 342.352  
 264.518  
 216.826

Phase: ascending  
 Found data...  
 Computing mean error doppler estimated-predicted...  
 Mean error = -25.531870 Hz  
 Writing file ../../RESULTS/DAILY/\_111118//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
 Writing file ../../RESULTS/DAILY/\_111118//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
 #####

CHIRP ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_111118/CHIRP...

\*\*\*\*\*  
 \*\*\*\*\*  
 CHIRP Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59

Analysing products WSM SS1 H/H  
 \*\*\*\*\*  
 Getting ScaleFactor data for WSM SS1 H/H from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
 Writing file ./RESULTS/DAILY/\_111118/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2011-11-18.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_111118/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
 Writing file ../../RESULTS/DAILY/\_111118/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V  
 \*\*\*\*\*  
 Getting ScaleFactor data for WSM SS1 V/V from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
 Writing file ./RESULTS/DAILY/\_111118/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2011-11-18.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_111118/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
 Writing file ../../RESULTS/DAILY/\_111118/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed  
 #####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111118/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_111118/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111118/RAW\_DATA/Raw\_data\_WVS\_2011-11-18.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_111118/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_111118/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_111118/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2011-11-18 00:00:00 to 2011-11-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111118/RAW\_DATA/Raw\_data\_IMM\_2011-11-18.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_111118/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_111118/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_111118/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2011-11-18 00:00:00 to 2011-11-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111118/TELEMETRY

Creating directory ./RESULTS/DAILY/\_111118/TELEMETRY...

Looking for gaps and missing lines in WVS products...

\*\*\*\*\*

Checking 28 products from PDE...  
Found product...ASA\_WVS\_1PNPDE20111118\_011243\_000003953108\_00376\_50821\_0537.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20111118\_234119\_000001053108\_00389\_50834\_0952.N1 / 1 gaps / 0 missing lines  
Checking 21 products from PDK...

Looking for gaps and missing lines in GM1 products...

\*\*\*\*\*

Checking 29 products from PDE...  
Checking 48 products from PDK...

Looking for gaps and missing lines in APM products...

\*\*\*\*\*

Checking 9 products from PDE...  
Checking 2 products from PDK...

Looking for gaps and missing lines in IMM products...

\*\*\*\*\*

Checking 7 products from PDE...  
Checking 6 products from PDK...

Looking for gaps and missing lines in WSM products...

\*\*\*\*\*

Checking 40 products from PDE...  
Found product...ASA\_WSM\_1PNPDE20111118\_142639\_00000423108\_00384\_50829\_0823.N1 / 3 gaps / 931 missing lines  
Checking 15 products from PDK...

Creating graph of missing lines and gaps...  
\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_111118/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_111118/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

HTML REPORT generation  
#####

Building file ./RESULTS/DAILY/\_111118/asarReport.html...  
Building DATA SUMMARY section...  
Building AUXILIARY FILES ANALYSIS section...  
Building MODULE STEPPING ANALYSIS section...  
Building CALIBRATION PULSES ANALYSIS section...  
Building DOPPLER ANALYSIS section...  
Building CHIRP ANALYSIS section...  
Building RAW DATA ANALYSIS section...  
Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed  
#####



Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |
|--|---------|---------|---------|---------|
| ASA_APM_1PNPDE20111118_025804_000000883108_00377_50822_0558.N1 |         |         |         |         |
| ASA_APM_1PNPDE20111118_030211_000000443108_00377_50822_0559.N1 |         |         |         |         |
| ASA_APM_1PNPDE20111118_040349_000000423108_00378_50823_0577.N1 |         |         |         |         |
| ASA_APM_1PNPDE20111118_043821_000000563108_00378_50823_0579.N1 |         |         |         |         |
| ASA_APM_1PNPDE20111118_080135_000000433108_00380_50825_0639.N1 |         |         |         |         |
| ASA_APM_1PNPDE20111118_093220_000000443108_00381_50826_0665.N1 |         |         |         |         |
| ASA_APM_1PNPDE20111118_144402_000000443108_00384_50829_0822.N1 |         |         |         |         |
| ASA_APM_1PNPDE20111118_153629_000000573108_00385_50830_0818.N1 |         |         |         |         |
| ASA_APM_1PNPDE20111118_153629_000000573108_00385_50830_0820.N1 |         |         |         |         |
| ASA_APM_1PNPDK20111118_130645_000000423108_00383_50828_5842.N1 |         |         |         |         |
| ASA_APM_1PNPDK20111118_135848_000000803108_00384_50829_5861.N1 |         |         |         |         |

Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product   | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|---|---------|---------|---------|---------|----|----|----|----|
| ASA_GM1_1PNPDE20111118_005607_000007613108_00376_50821_0534.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_011959_000006833108_00376_50821_0536.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_013823_000006773108_00376_50821_0540.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_020225_000006893108_00376_50821_0561.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_022539_00000903108_00377_50822_0560.N1   |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_022952_000012333108_00377_50822_0565.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_031838_000005673108_00377_50822_0582.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_033706_000001633108_00377_50822_0583.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_034845_000001443108_00377_50822_0586.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_035409_000002053108_00378_50823_0589.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_035949_000002413108_00378_50823_0588.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_040452_000003143108_00378_50823_0587.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_041301_000013173108_00378_50823_0592.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_045848_000005013108_00378_50823_0614.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_053946_000005613108_00379_50824_0613.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_055048_000006283108_00379_50824_0615.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_060422_000003443108_00379_50824_0617.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_061352_000002293108_00379_50824_0625.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_062529_000001993108_00379_50824_0624.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_210009_000002353108_00388_50833_0907.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_210501_000001143108_00388_50833_0911.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_213427_000001813108_00388_50833_0909.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_214110_000007373108_00388_50833_0916.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_221537_000006283108_00389_50834_0943.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_224419_000001693108_00389_50834_0949.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_231218_000000783108_00389_50834_0948.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_231349_000000783108_00389_50834_0946.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111118_232124_000006713108_00389_50834_0956.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_064022_000003263108_00379_50824_5727.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_073036_000006223108_00380_50825_5730.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_073952_000005923108_00380_50825_5756.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_075326_000001933108_00380_50825_5758.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_075955_000000963108_00380_50825_5757.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_080238_000005613108_00380_50825_5761.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_082035_000005493108_00380_50825_5760.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_083347_000000903108_00380_50825_5762.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_091017_000005133108_00381_50826_5766.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_092758_000000723108_00381_50826_5785.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_093320_000002593108_00381_50826_5792.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_095933_000005613108_00381_50826_5794.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_104753_000006283108_00382_50827_5800.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_110129_000001993108_00382_50827_5815.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_113947_0000009613108_00382_50827_5819.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_122322_000001023108_00383_50828_5818.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_122745_000006283108_00383_50828_5820.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_130313_000002113108_00383_50828_5839.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_130746_000002713108_00383_50828_5840.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_131227_000001083108_00383_50828_5849.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_132001_000007433108_00383_50828_5848.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_134304_000003803108_00383_50828_5847.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_135024_000002353108_00383_50828_5850.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_140029_000001443108_00384_50829_5844.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_140428_000008823108_00384_50829_5851.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_141757_000003863108_00384_50829_5873.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_144003_000001873108_00384_50829_5874.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_144503_000001573108_00384_50829_5876.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_150015_000007493108_00384_50829_5878.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_153110_000003203108_00384_50829_5880.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_153750_000001203108_00385_50830_5879.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_154133_000007133108_00385_50830_5882.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_161218_000001933108_00385_50830_5905.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_164029_000007733108_00385_50830_5907.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_171528_000010033108_00386_50831_5909.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_173059_000000843108_00386_50831_5926.N1  |         |         |         |         | OK | OK | OK | OK |

|  |    |    |    |    |
|--|----|----|----|----|
| ASA_GM1_1PNPDK20111118_174112_00000783108_00386_50831_5925.N1  | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_174756_000001993108_00386_50831_5927.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_182043_000007493108_00386_50831_5931.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_185532_00000723108_00387_50832_5930.N1  | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_185830_000004833108_00387_50832_5932.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_190813_00000663108_00387_50832_5934.N1  | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_190814_00000783108_00387_50832_5961.N1  | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_191215_000001263108_00387_50832_5962.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_200057_000007373108_00387_50832_5966.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_202940_000001933108_00387_50832_5965.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_203343_000005493108_00387_50832_5967.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111118_204645_000001143108_00388_50833_5969.N1 | OK | OK | OK | OK |



Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |
|--|---------|---------|---------|---------|
| ASA_IMM_1PNPDE20111118_011140_000000563108_00376_50821_0530.N1 |         |         |         |         |
| ASA_IMM_1PNPDE20111118_033950_000001283108_00377_50822_0576.N1 |         |         |         |         |
| ASA_IMM_1PNPDE20111118_061004_000002173108_00379_50824_0611.N1 |         |         |         |         |
| ASA_IMM_1PNPDE20111118_093006_000000373108_00381_50826_0663.N1 |         |         |         |         |
| ASA_IMM_1PNPDE20111118_175111_000002183108_00386_50831_0872.N1 |         |         |         |         |
| ASA_IMM_1PNPDE20111118_203255_000000373108_00387_50832_0912.N1 |         |         |         |         |
| ASA_IMM_1PNPDE20111118_210403_000000443108_00388_50833_0923.N1 |         |         |         |         |
| ASA_IMM_1PNPDK20111118_060122_000001673108_00379_50824_5719.N1 |         |         |         |         |
| ASA_IMM_1PNPDK20111118_072948_000000353108_00380_50825_5741.N1 |         |         |         |         |
| ASA_IMM_1PNPDK20111118_092914_000000373108_00381_50826_5772.N1 |         |         |         |         |
| ASA_IMM_1PNPDK20111118_135416_000000563108_00384_50829_5858.N1 |         |         |         |         |
| ASA_IMM_1PNPDK20111118_135521_000001003108_00384_50829_5852.N1 |         |         |         |         |
| ASA_IMM_1PNPDK20111118_135714_000000703108_00384_50829_5860.N1 |         |         |         |         |

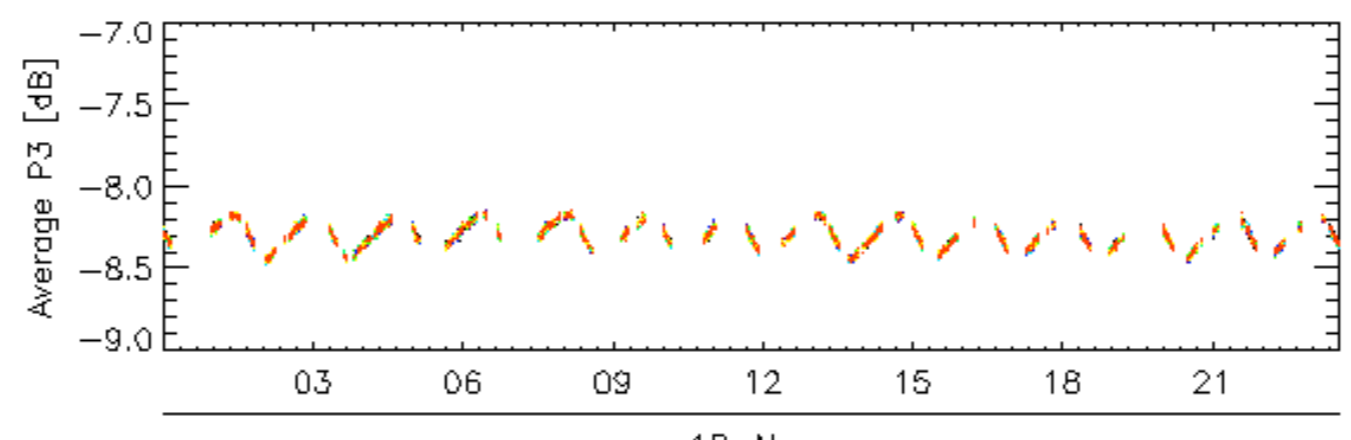
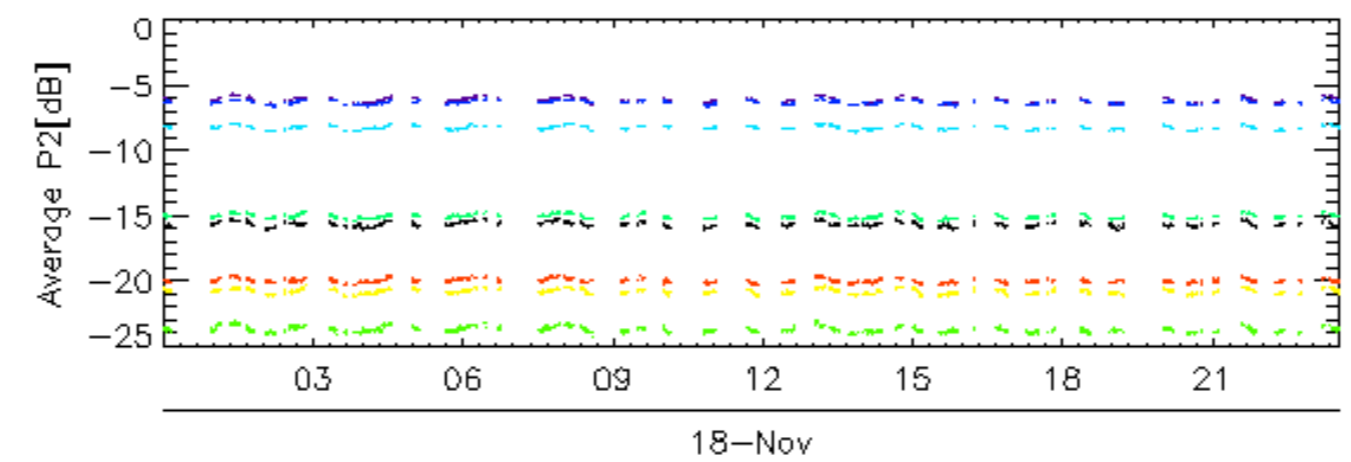
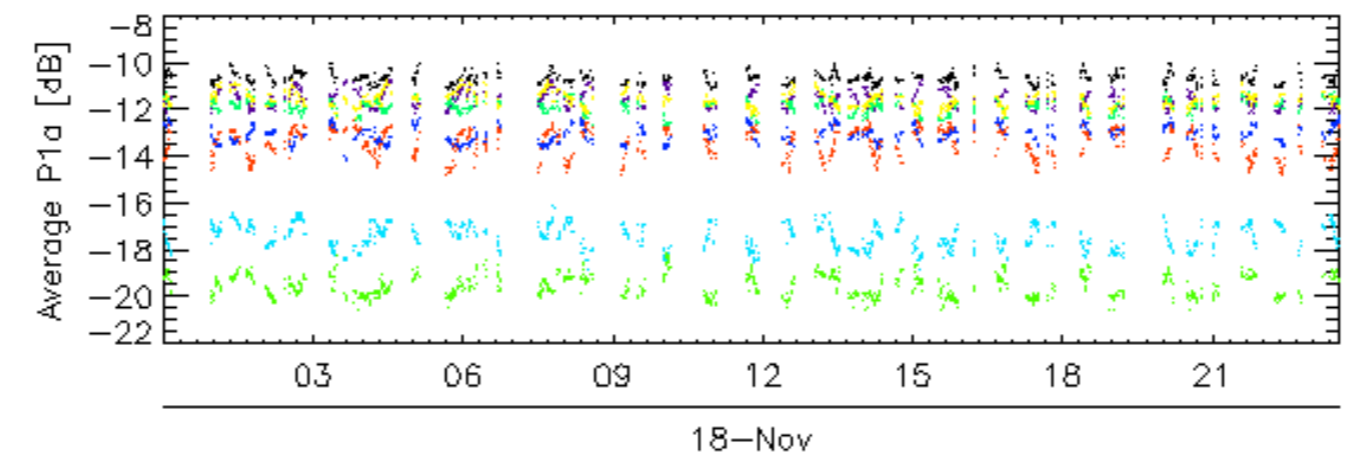
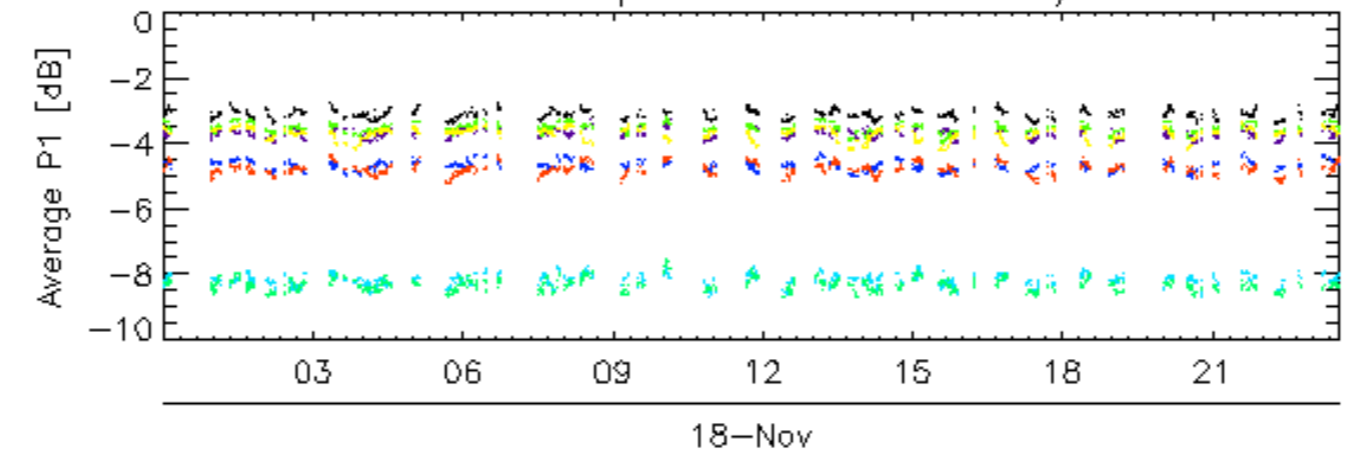
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WSM_1PNPDE20111118_000925_000003923108_00375_50820_0494.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_004632_000005693108_00376_50821_0574.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_014944_000003363108_00376_50821_0535.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_025045_000004103108_00377_50822_0556.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_030035_000000923108_00377_50822_0557.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_032810_000003923108_00377_50822_0575.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_043458_000001533108_00378_50823_0578.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_045426_000002143108_00378_50823_0599.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_050712_000003923108_00378_50823_0610.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_062850_000001353108_00379_50824_0621.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_063430_000002143108_00379_50824_0627.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_074946_000002143108_00380_50825_0637.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_075639_000001903108_00380_50825_0638.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_091854_000002693108_00381_50826_0661.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_092332_000002513108_00381_50826_0662.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_093740_000002323108_00381_50826_0669.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_095332_000000923108_00381_50826_0672.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_095435_000002083108_00381_50826_0695.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_100900_000003923108_00381_50826_0701.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_111317_000000923108_00382_50827_0693.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_142639_000000423108_00384_50829_0823.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_151248_000002143108_00384_50829_0816.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_151248_000002143108_00384_50829_0819.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_155751_000003363108_00385_50830_0834.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_165323_000002143108_00385_50830_0827.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_173736_000002143108_00386_50831_0848.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_183313_000001903108_00386_50831_0870.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_185653_000000923108_00387_50832_0877.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_191805_000001843108_00387_50832_0879.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_192150_000001903108_00387_50832_0899.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_192619_000002083108_00387_50832_0900.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_201317_000002753108_00387_50832_0898.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_202705_000001533108_00387_50832_0901.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_205431_000003303108_00388_50833_0922.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_210703_000001473108_00388_50833_0924.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_215328_000003303108_00388_50833_0908.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_223100_000000923108_00389_50834_0929.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_223616_000004773108_00389_50834_0960.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_233237_000003923108_00389_50834_0945.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111118_233945_000000923108_00389_50834_0950.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_064549_000004893108_00379_50824_5740.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_082950_000002323108_00380_50825_5763.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_092146_000000983108_00381_50826_5764.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_092621_000000923108_00381_50826_5773.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_105854_000001533108_00382_50827_5799.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_123824_000005143108_00383_50828_5828.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_133227_000001903108_00383_50828_5846.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_155329_000003003108_00385_50830_5893.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_173302_000003063108_00386_50831_5918.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_190639_000000923108_00387_50832_5928.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_190938_000001533108_00387_50832_5941.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_191427_000002513108_00387_50832_5947.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_204844_000000923108_00388_50833_5963.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_205043_000001353108_00388_50833_5968.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111118_223140_000002453108_00389_50834_5994.N1 |         |         |         |         | OK | OK | OK | OK |

Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

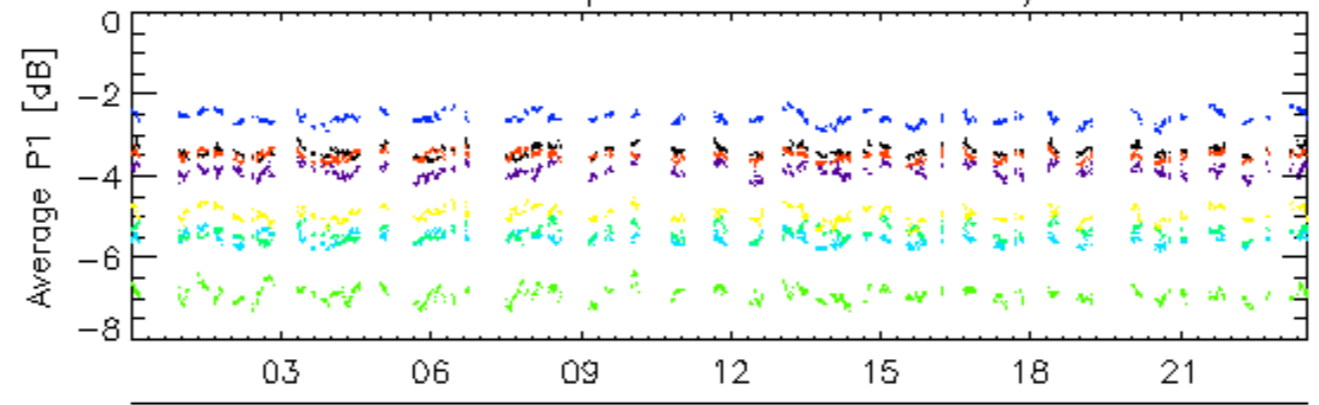
| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WVS_1PNPDE20111118_001556_000002243108_00375_50820_0503.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_001841_000016343108_00375_50820_0533.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_010852_000000743108_00376_50821_0532.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_011243_000003953108_00376_50821_0537.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_013127_000003753108_00376_50821_0538.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_015516_000001493108_00376_50821_0539.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_015701_000002853108_00376_50821_0562.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_021355_000005243108_00377_50822_0563.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_030302_000004503108_00377_50822_0564.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_031016_000003753108_00377_50822_0581.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_033442_000001053108_00377_50822_0580.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_034203_000003593108_00377_50822_0585.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_035114_000001343108_00377_50822_0584.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_035739_000000893108_00378_50823_0590.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_044014_000008093108_00378_50823_0591.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_045314_000000303108_00378_50823_0612.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_051444_000014543108_00378_50823_0618.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_061742_000004193108_00379_50824_0623.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_063108_000001053108_00379_50824_0622.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_210933_000014543108_00388_50833_0910.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_213733_000001803108_00388_50833_0913.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_213733_000001803108_00388_50833_0914.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_215900_000002543108_00388_50833_0915.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_220215_000007643108_00388_50833_0944.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111118_224712_000014543108_00389_50834_0947.N1 |         |         |         |         | OK | OK | OK | OK |
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Calibration pulses for GM1 SS3 H/H

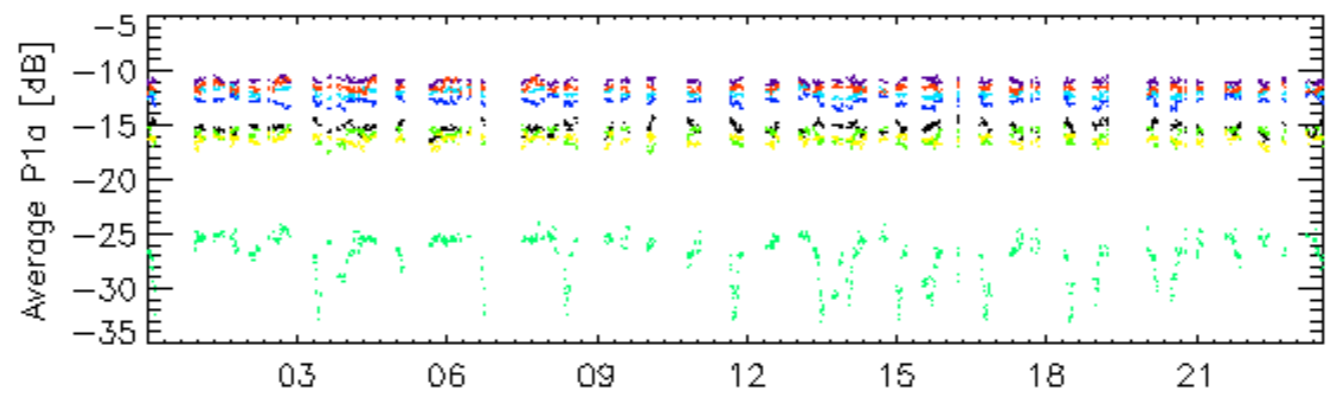


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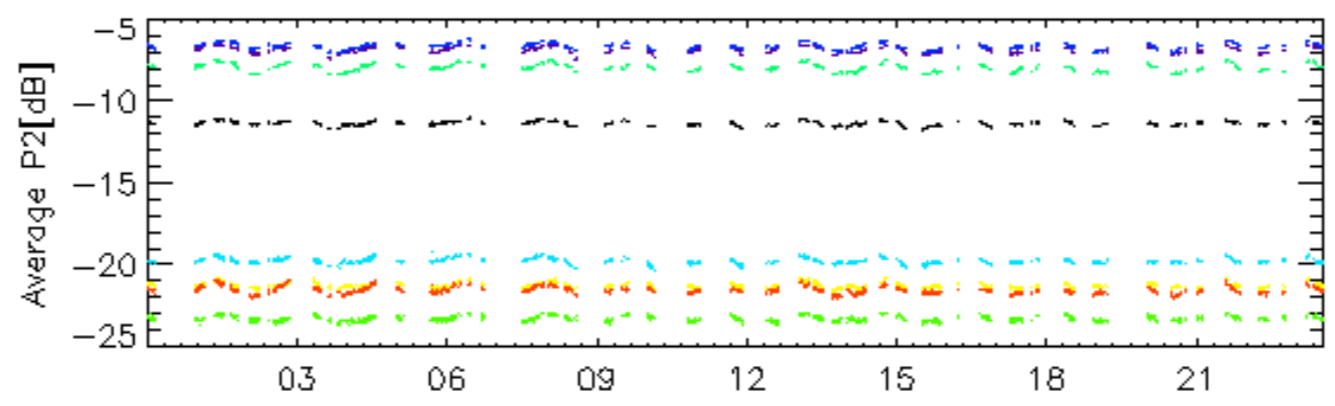
Calibration pulses for GM1 SS3 H/H



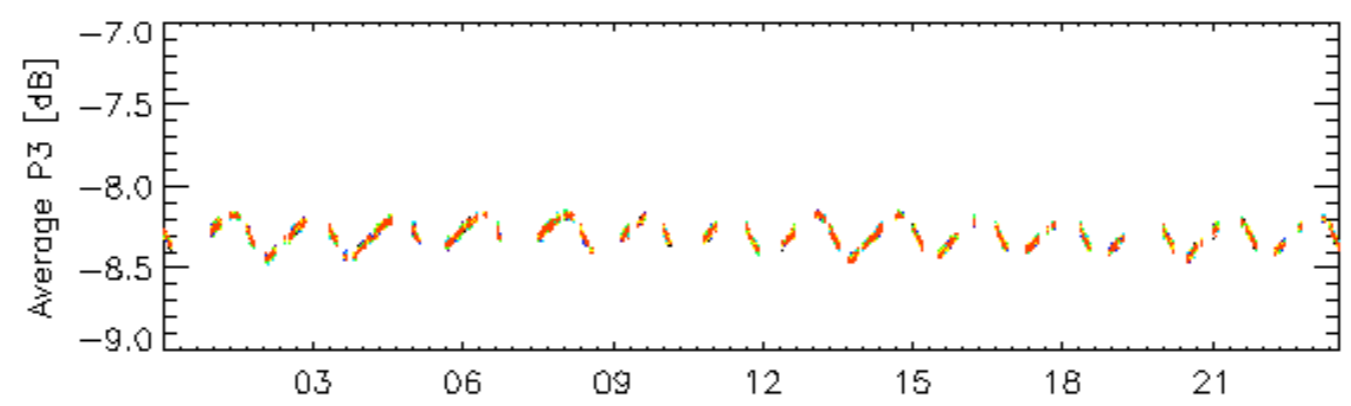
18-Nov



18-Nov



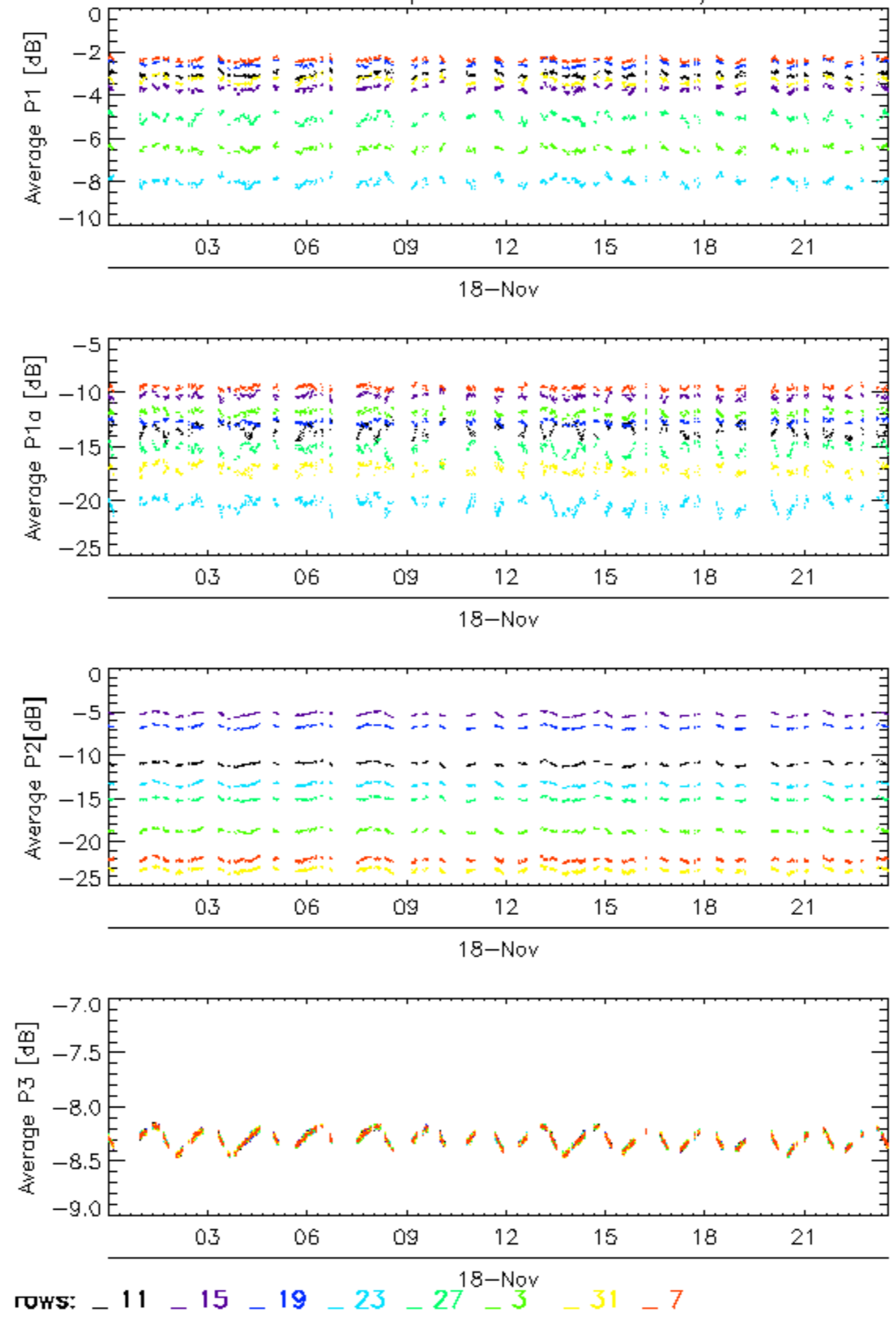
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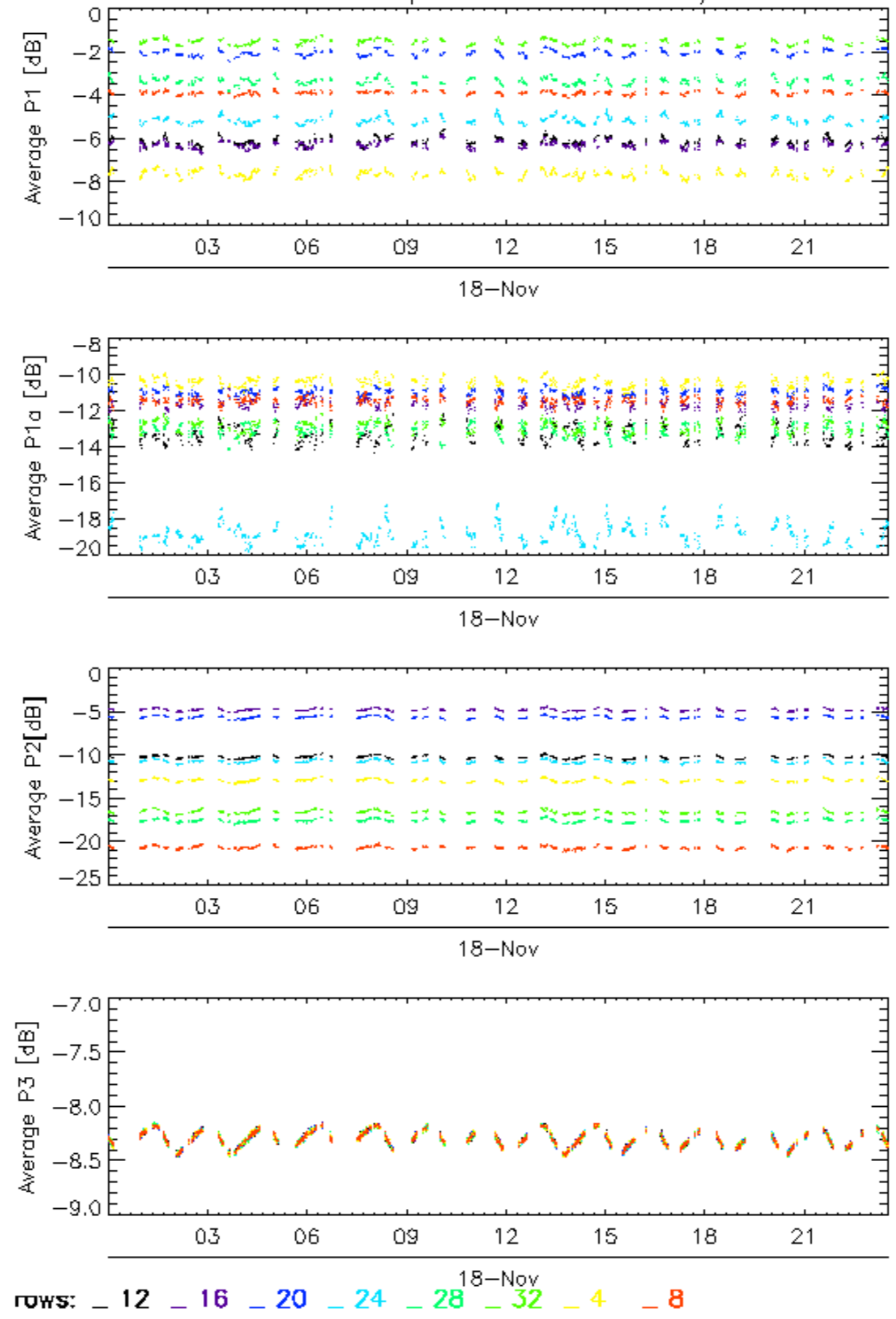
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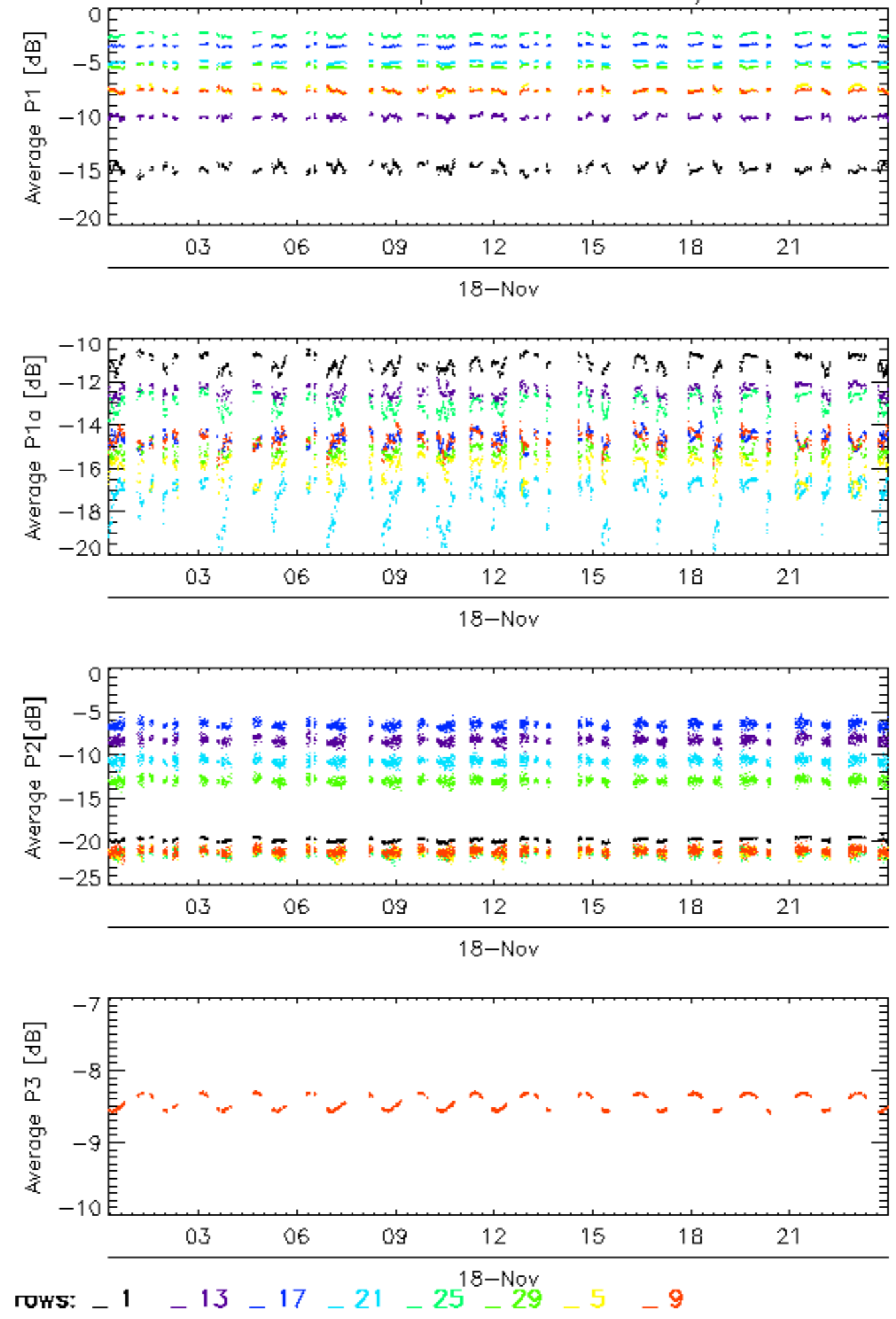
Calibration pulses for GM1 SS3 H/H



### Calibration pulses for GM1 SS3 H/H

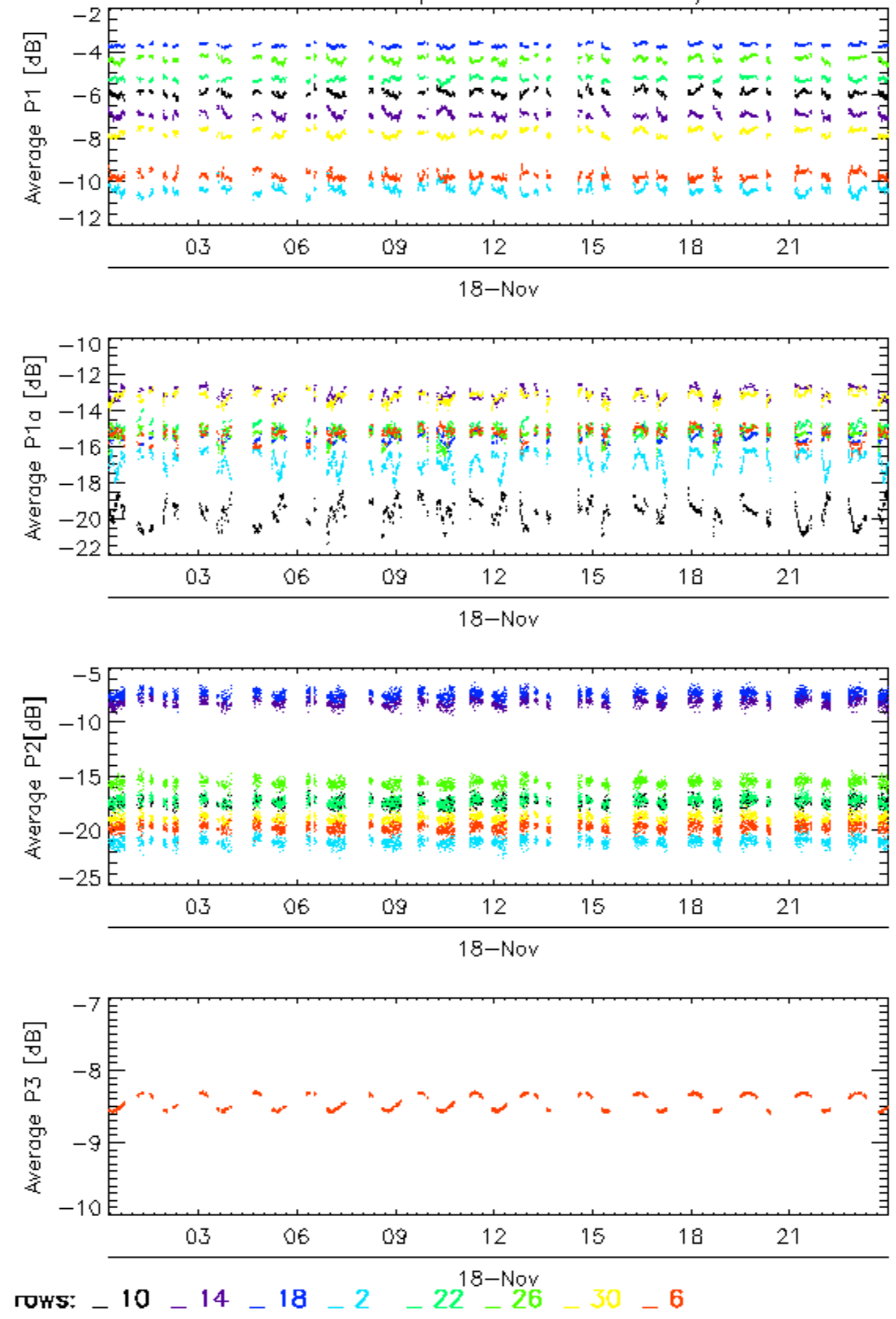


Calibration pulses for WVS IS2 V/V

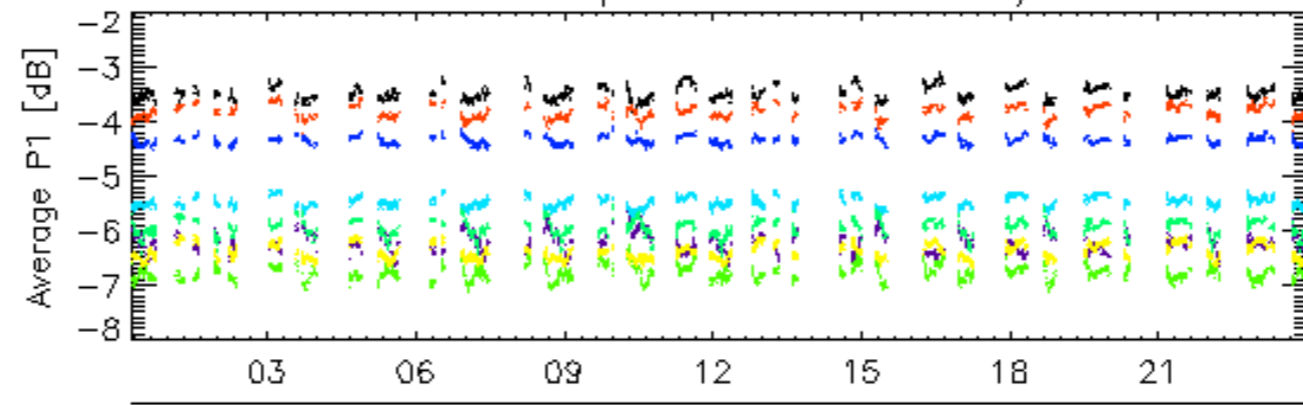




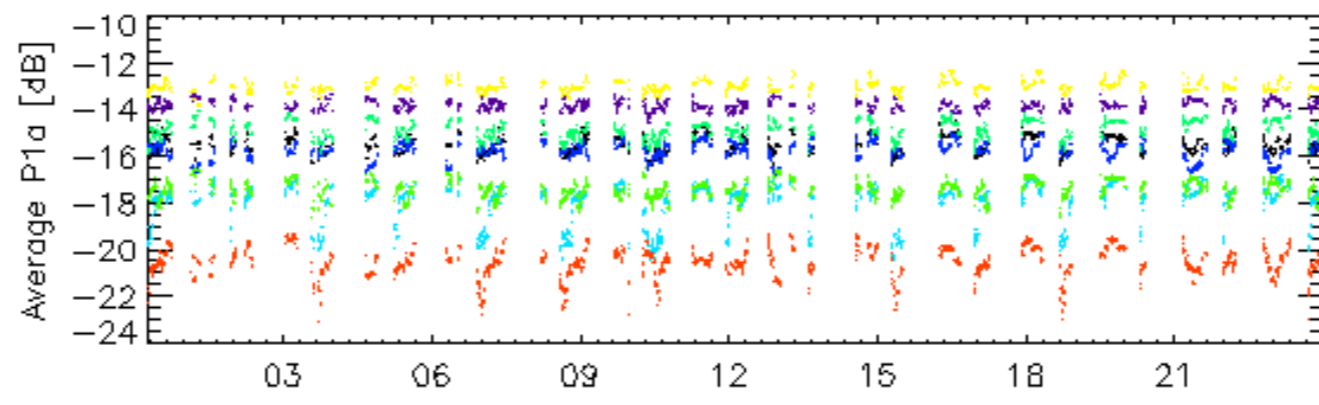
Calibration pulses for WVS IS2 V/V



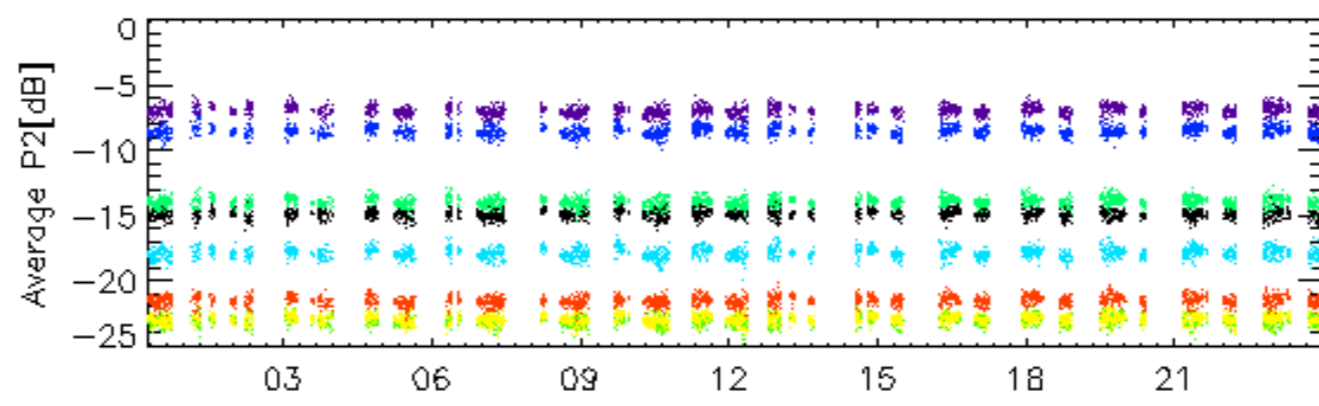
Calibration pulses for WVS IS2 V/V



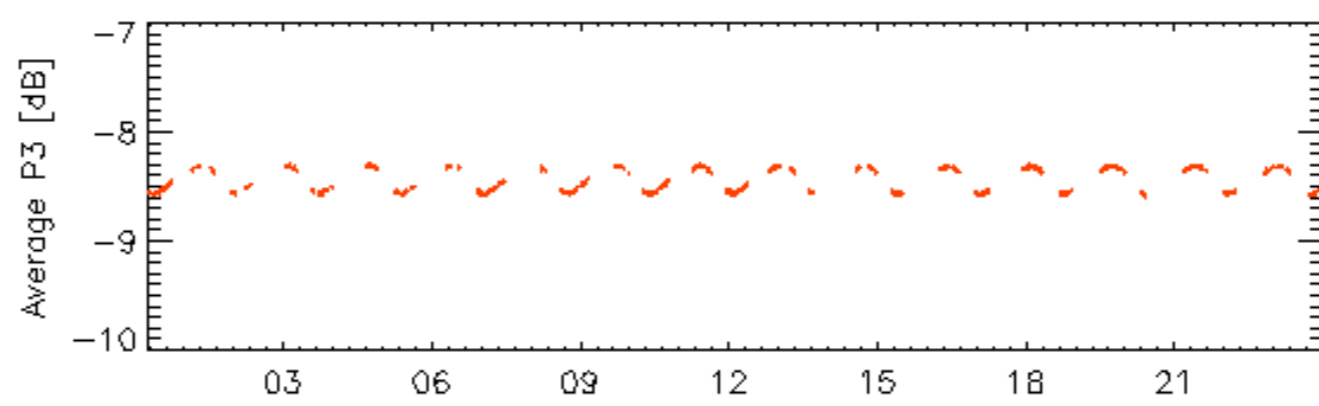
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18-Nov



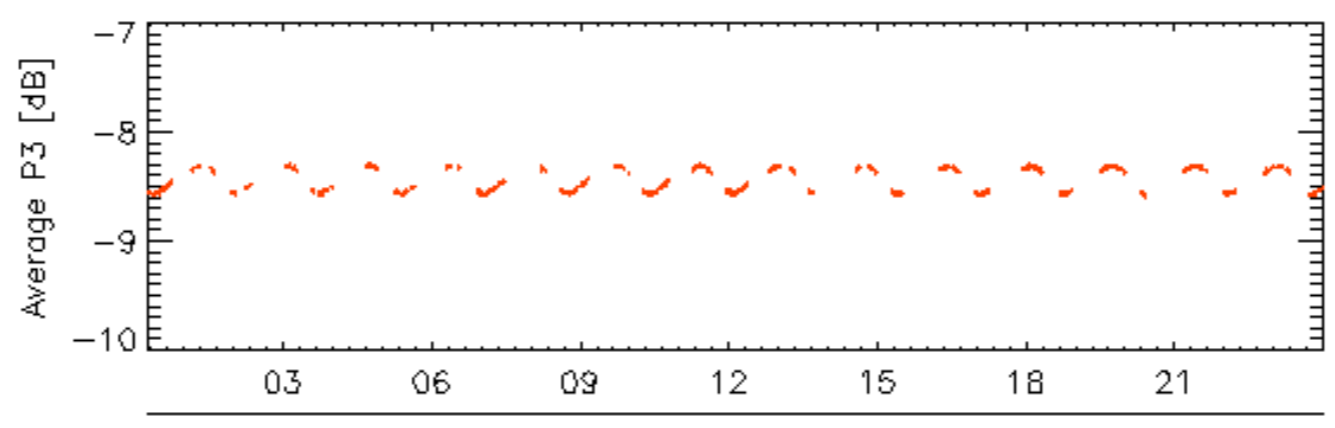
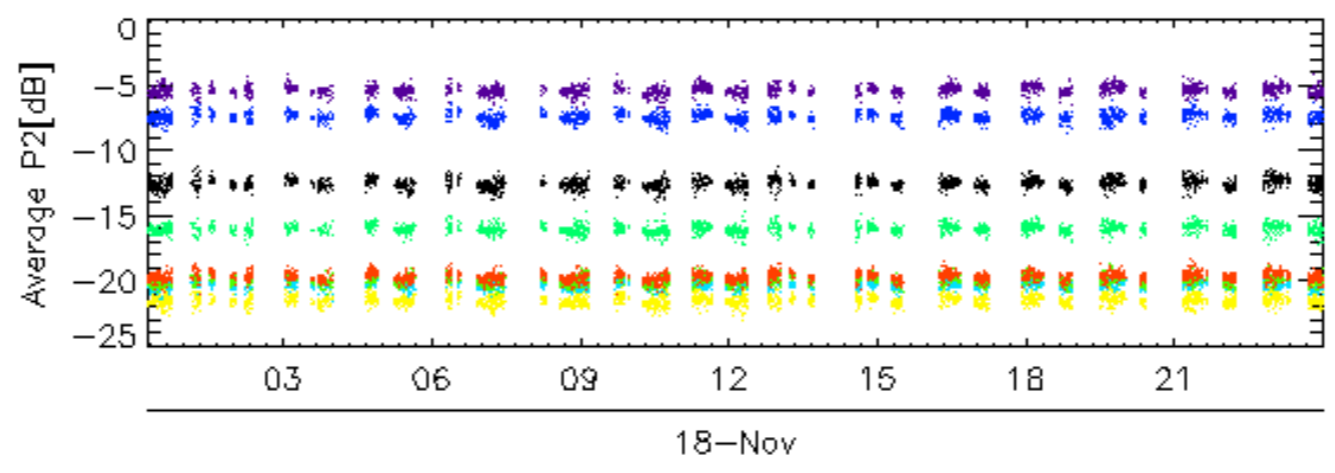
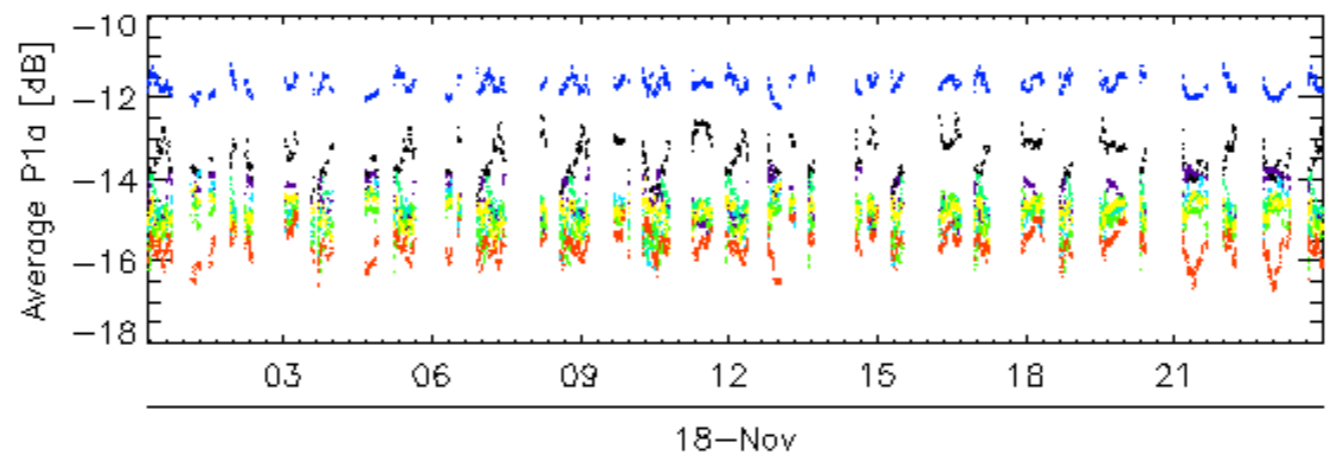
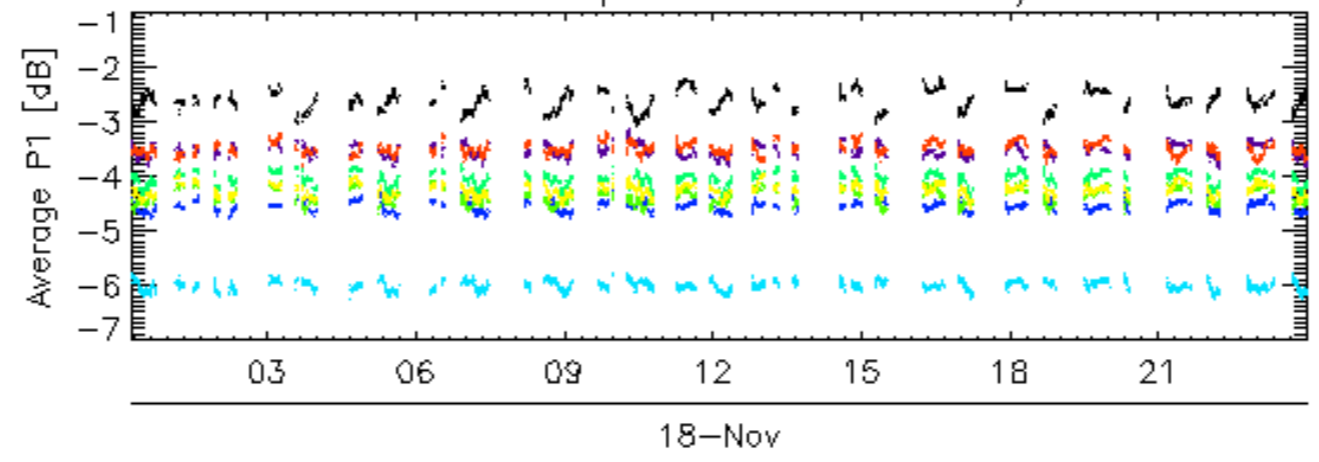
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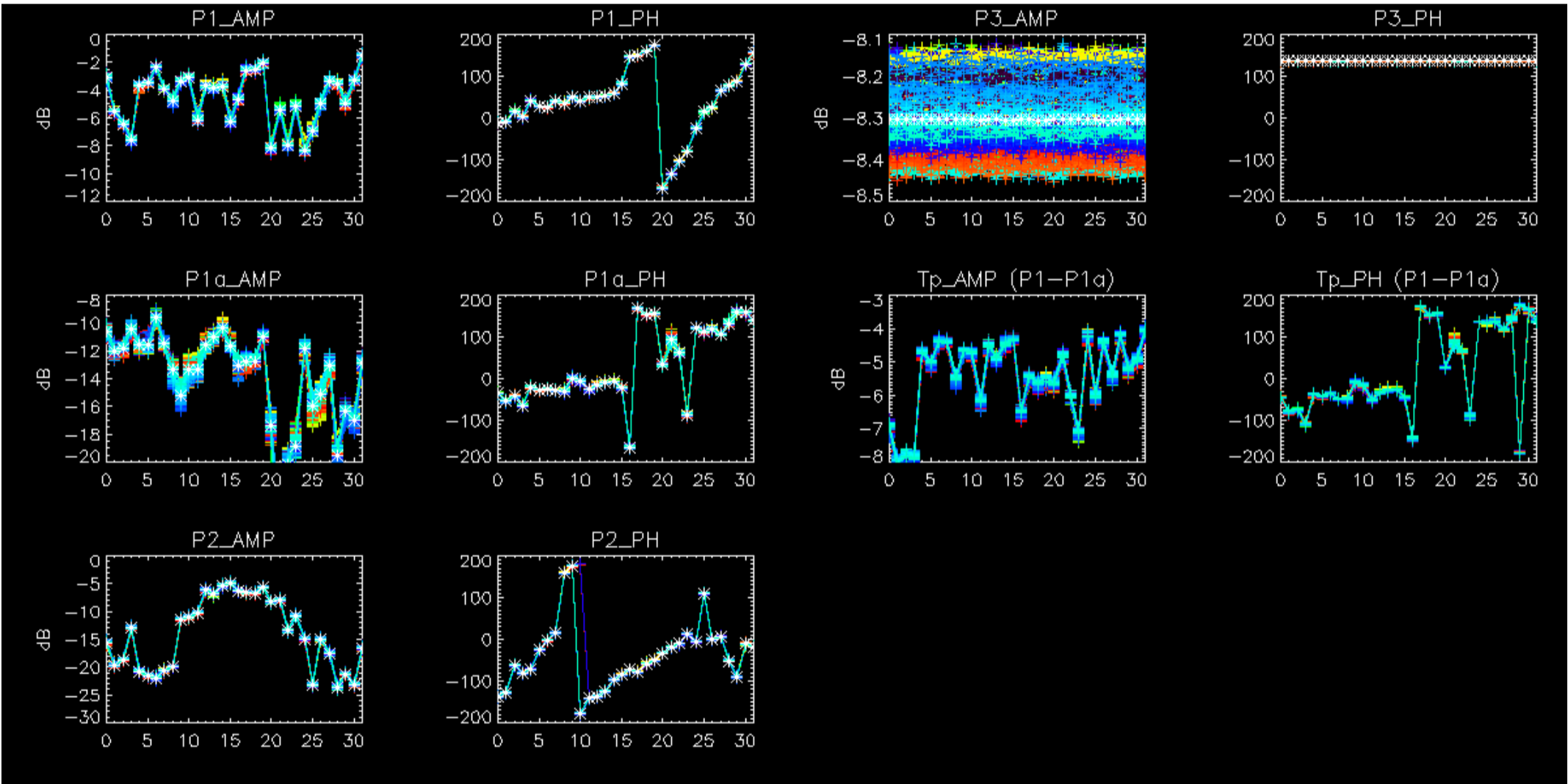
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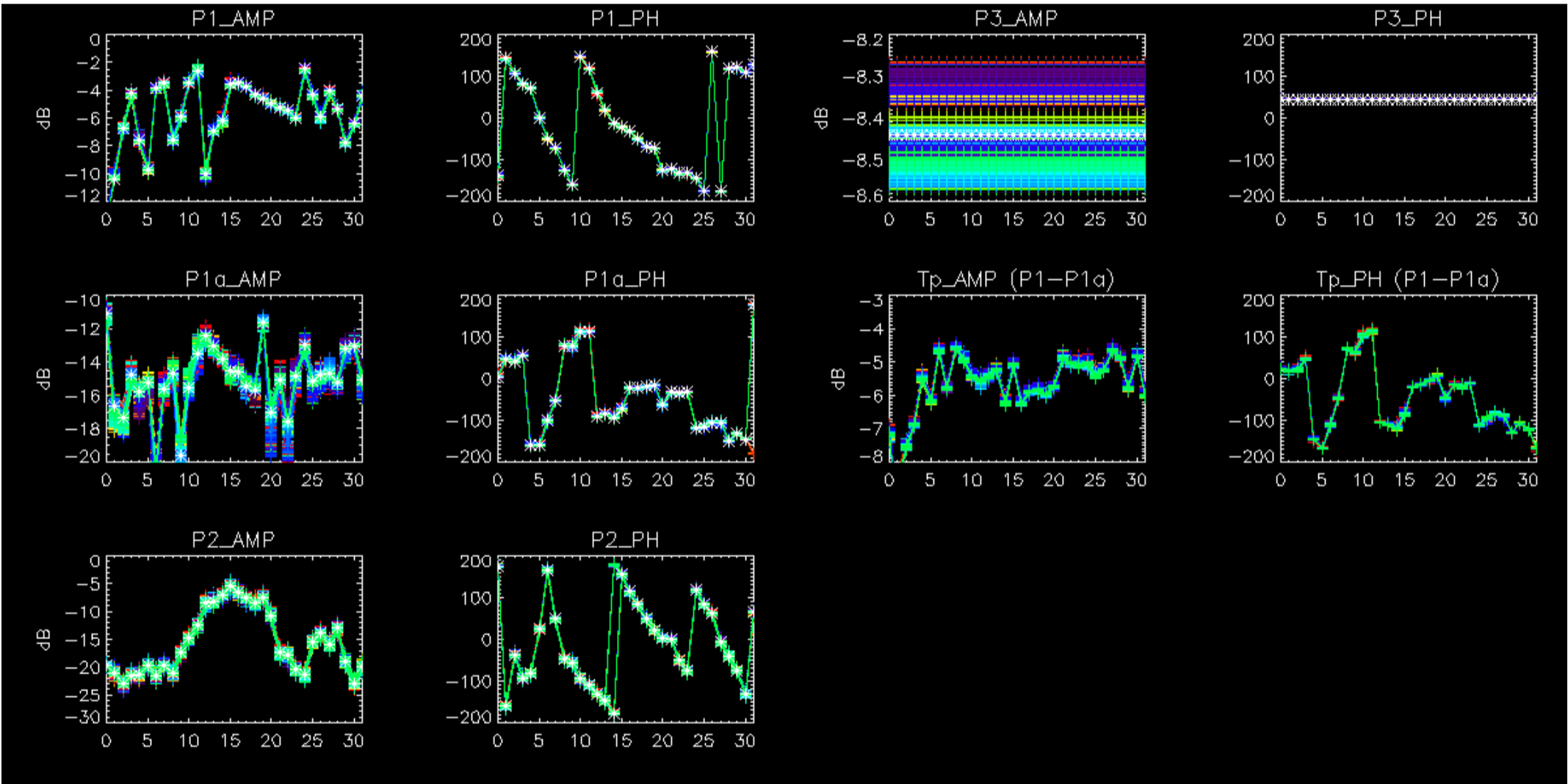
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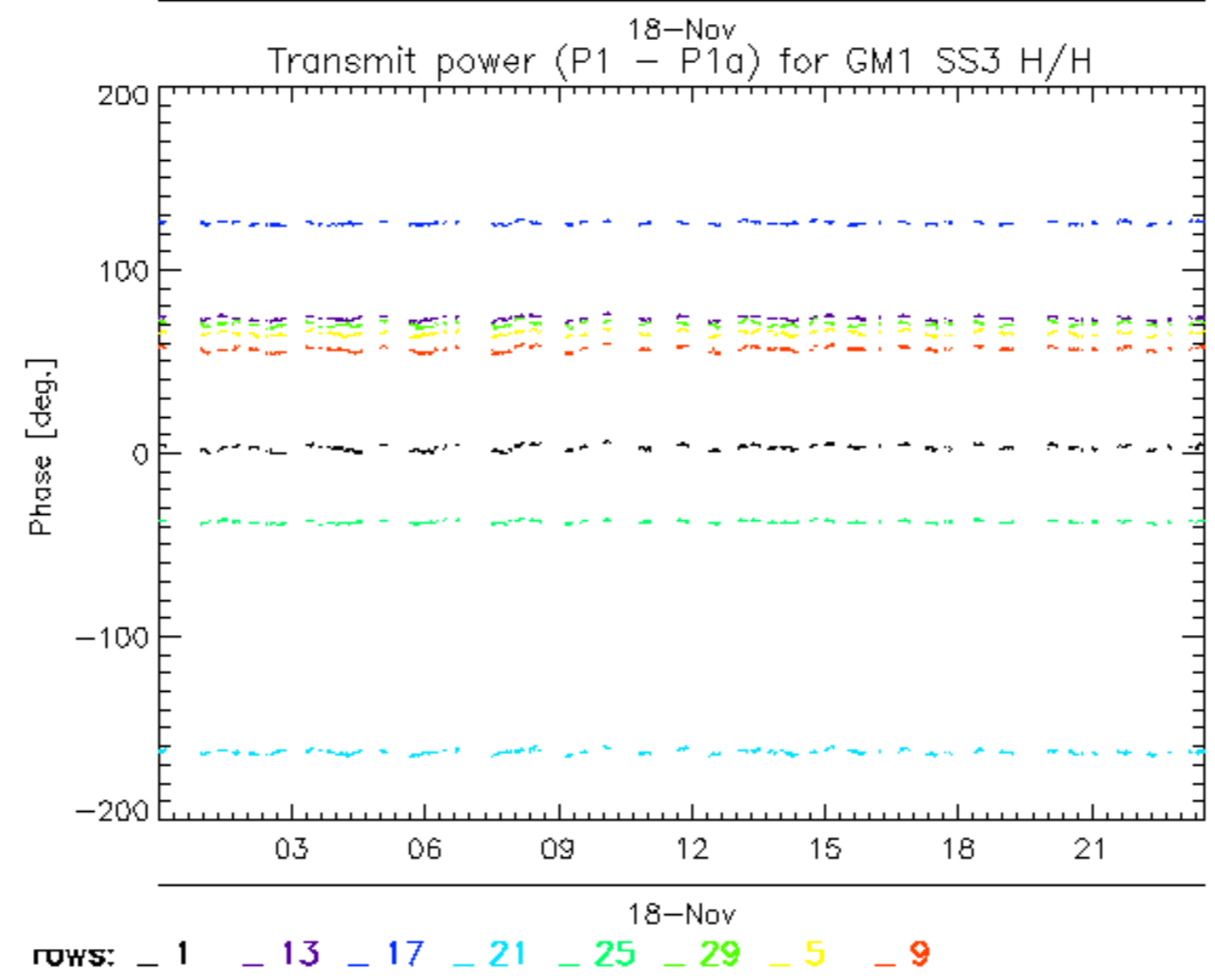
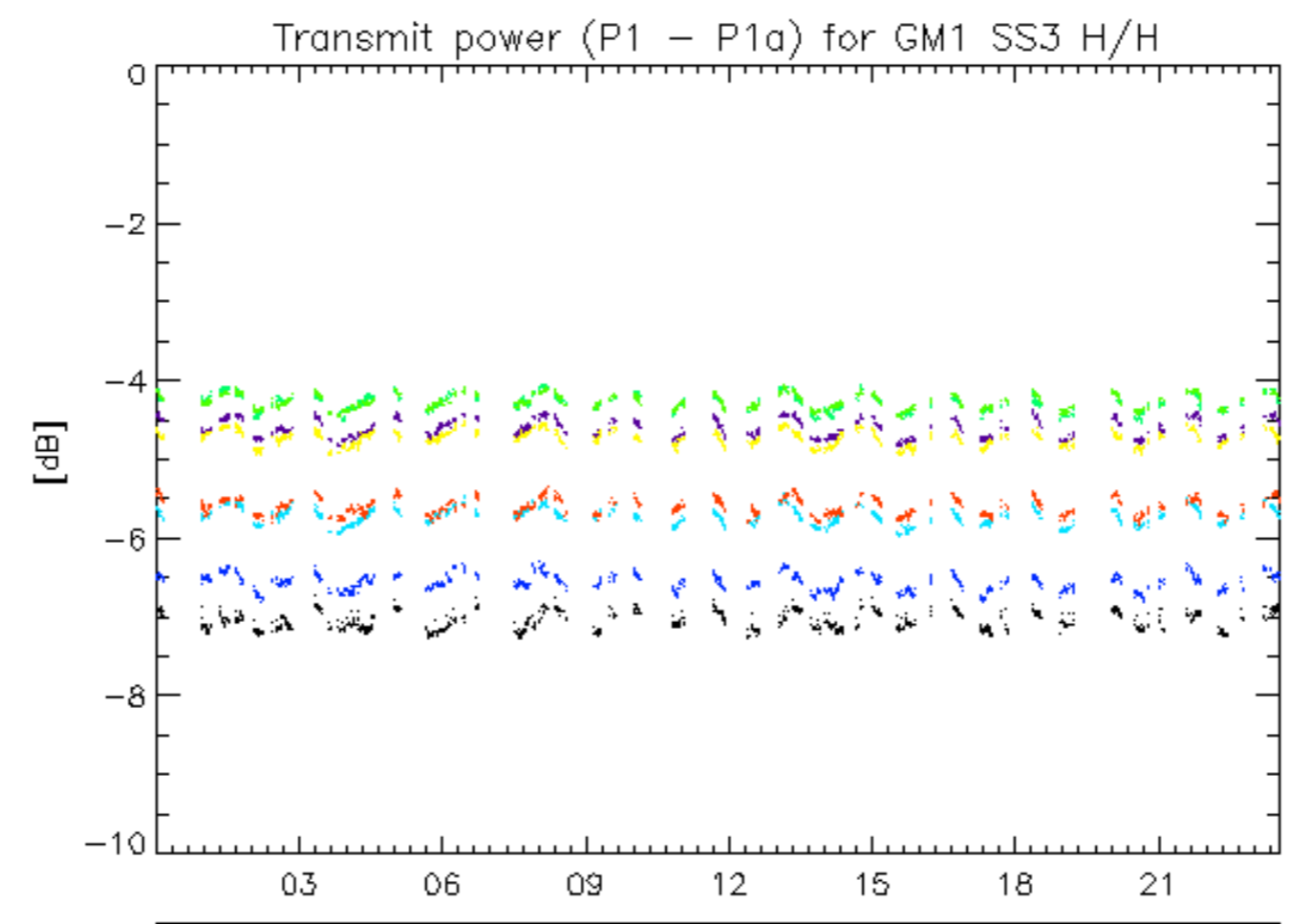
Calibration pulses for WVS IS2 V/V

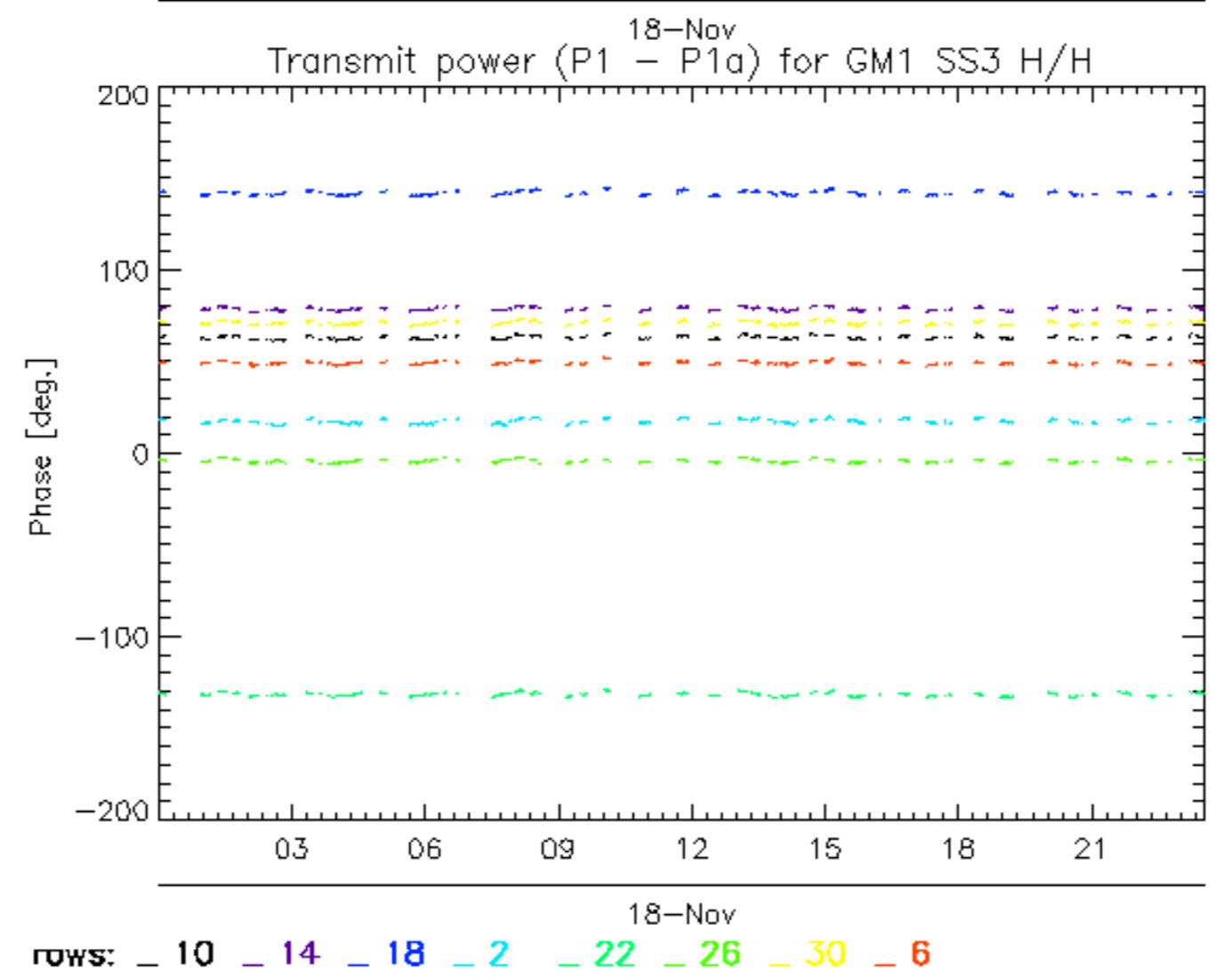
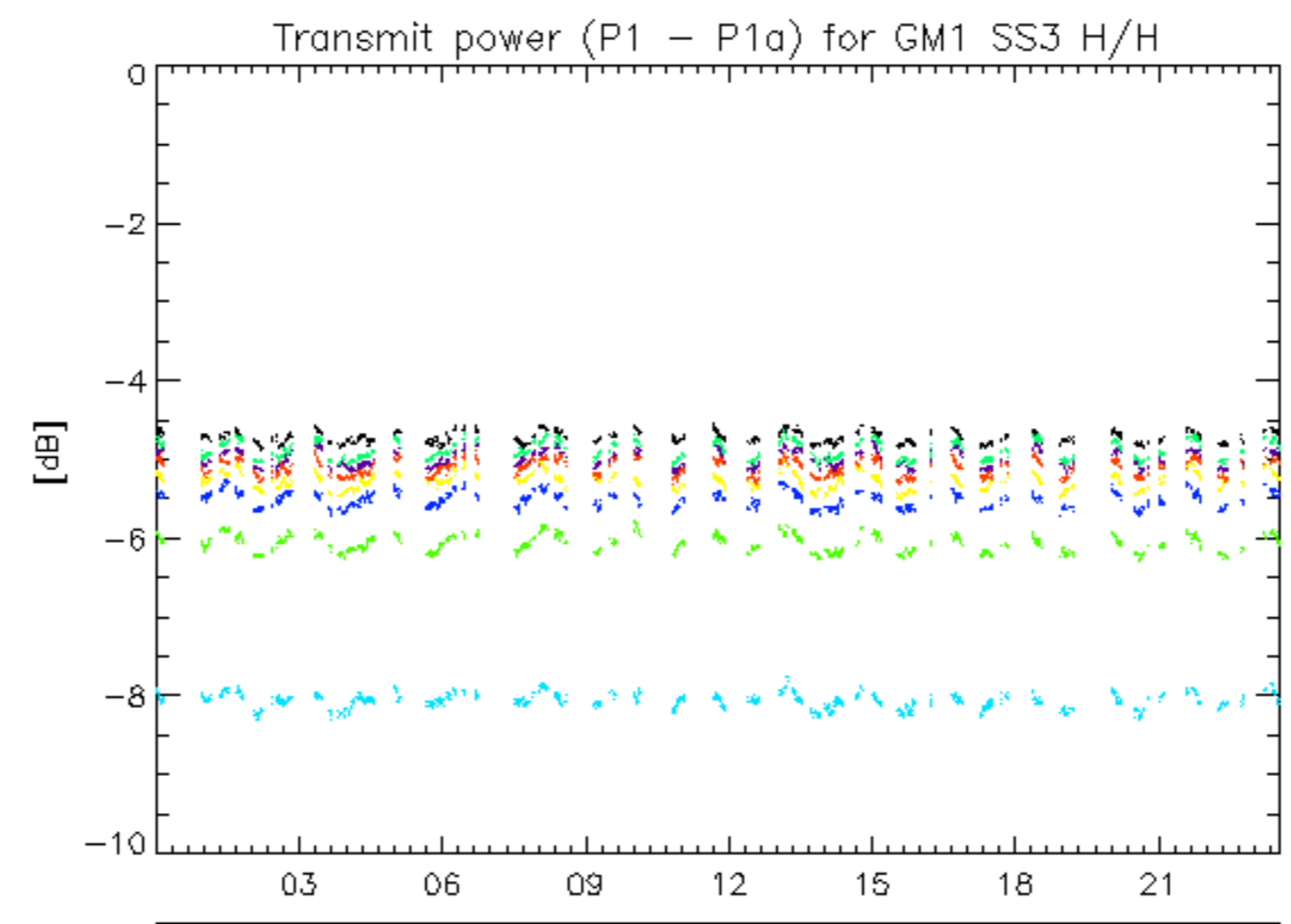


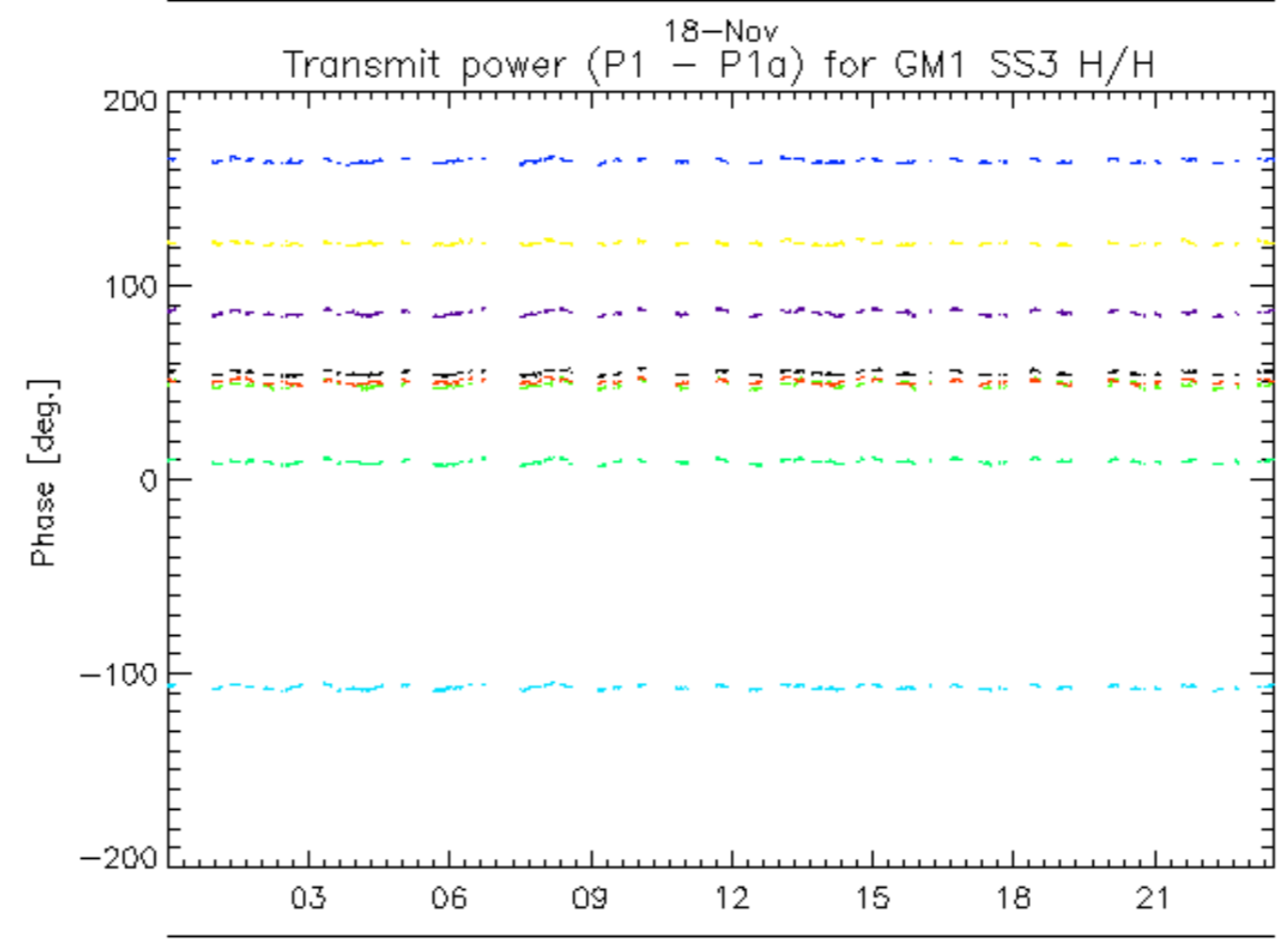
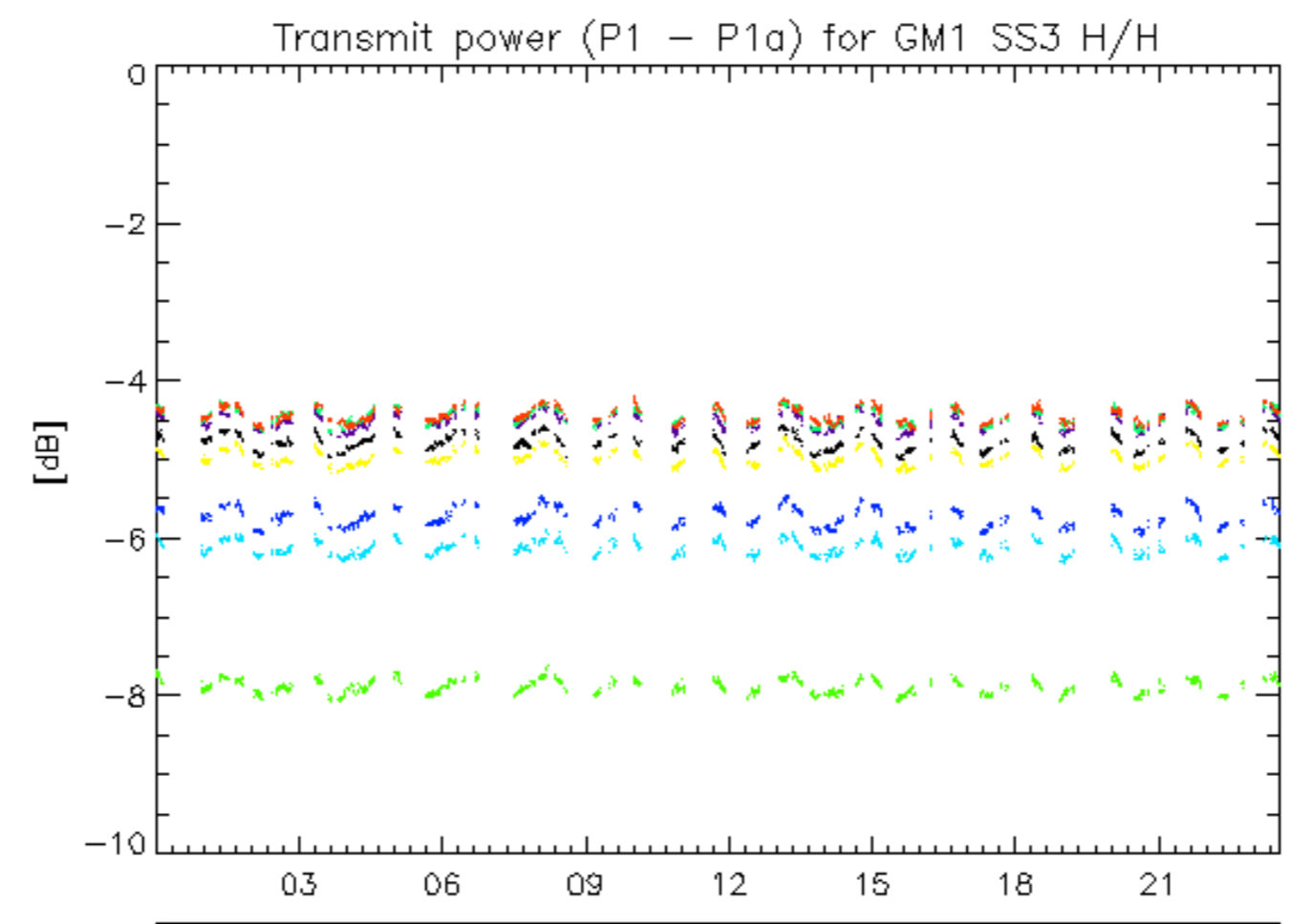
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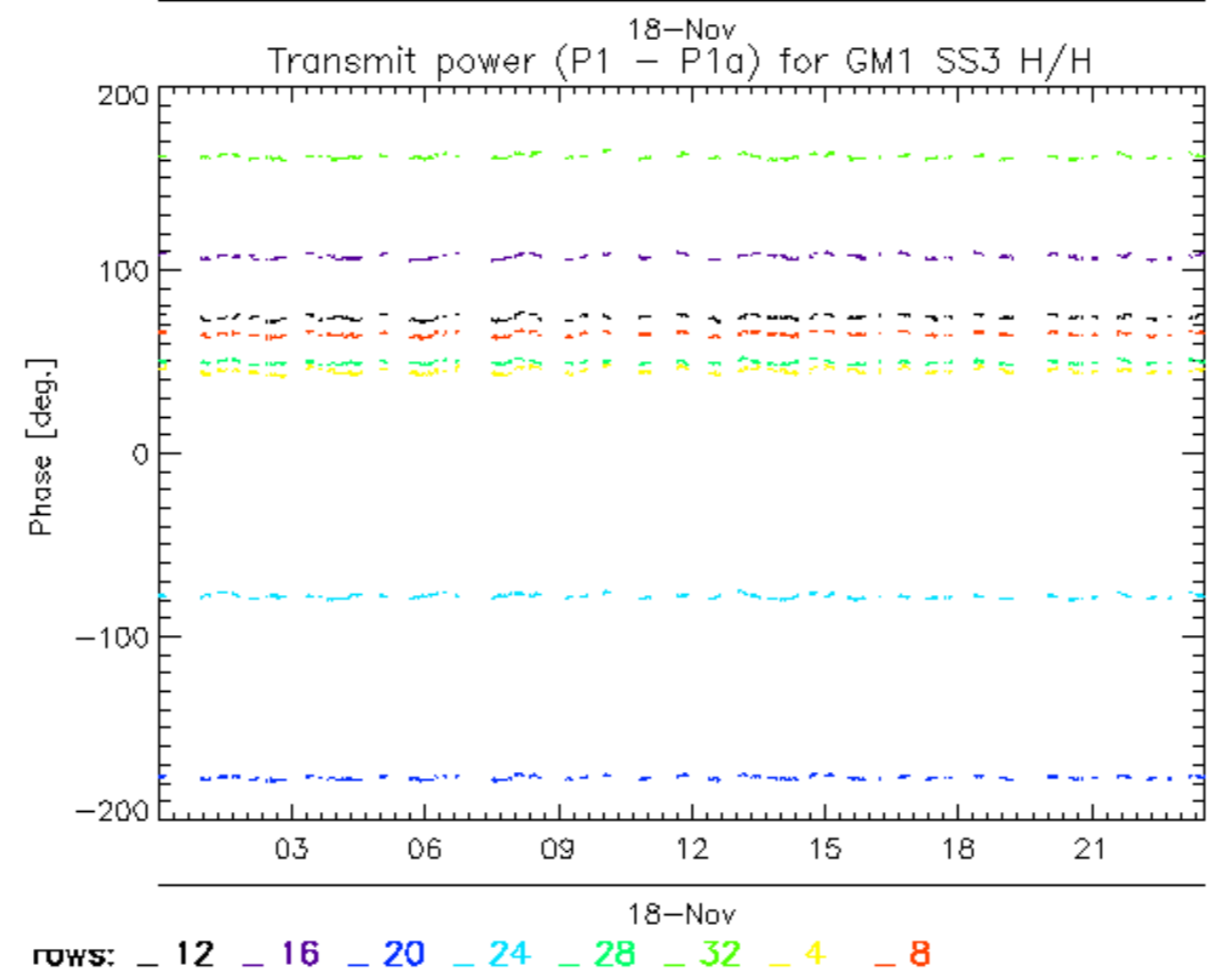
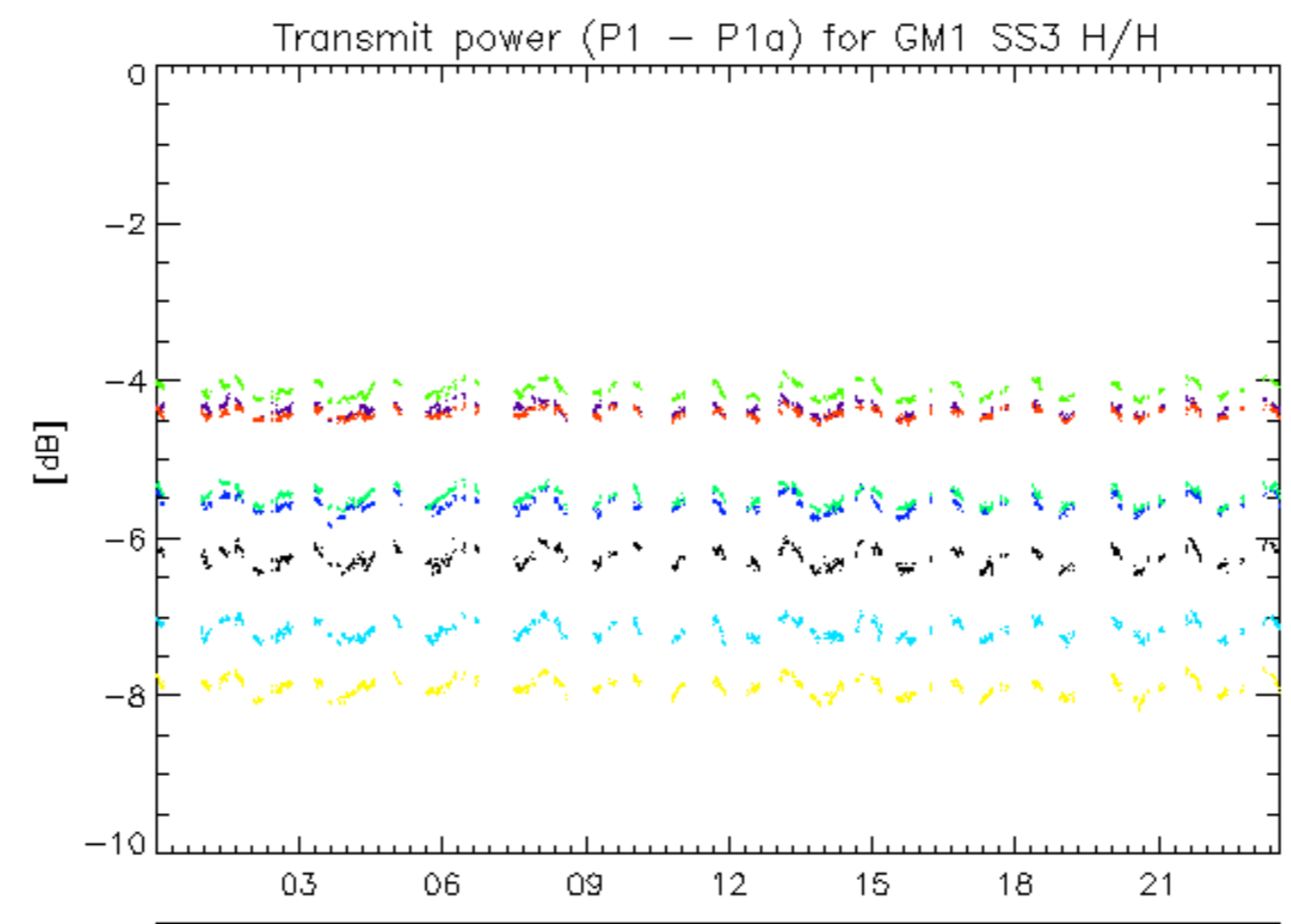


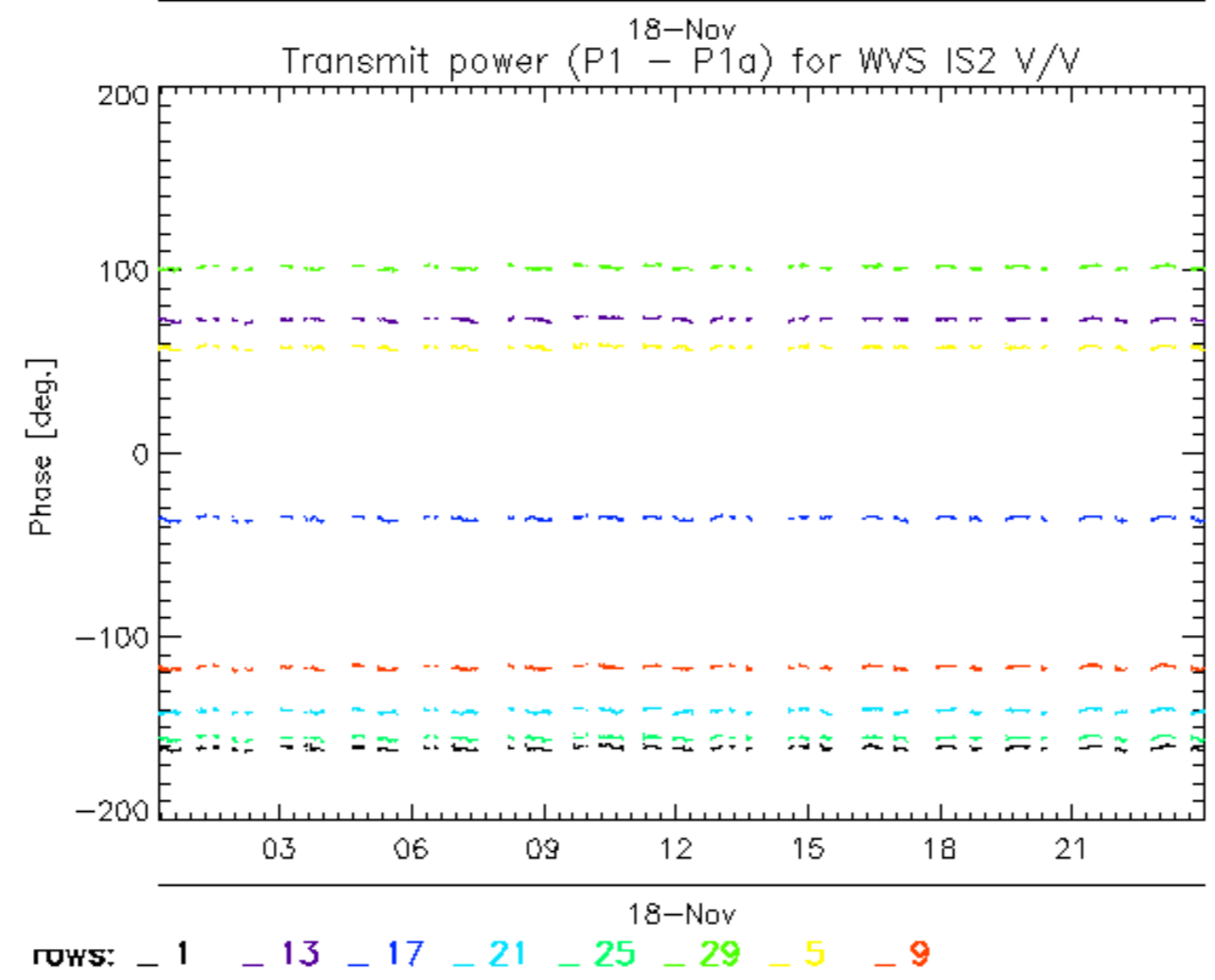
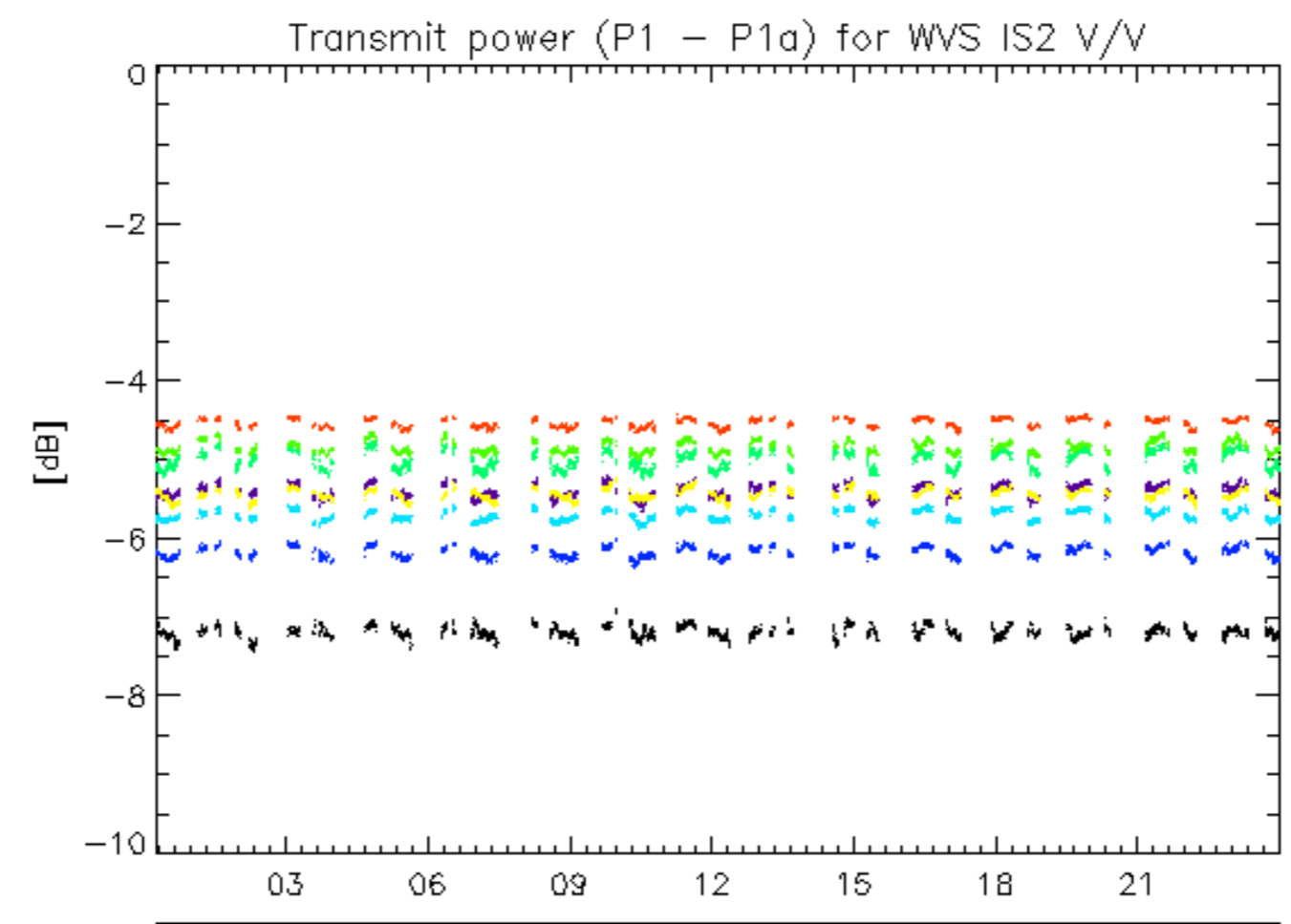


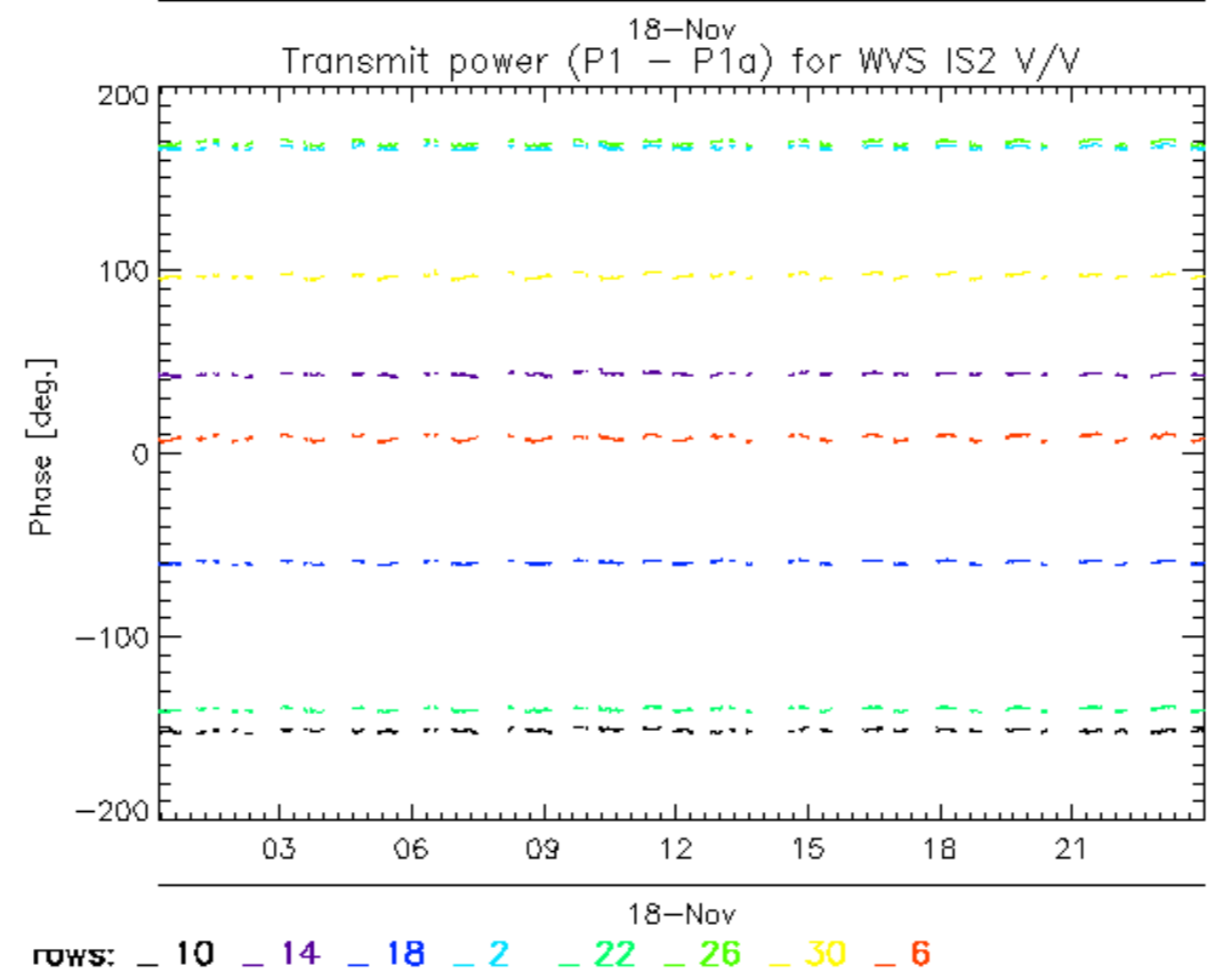
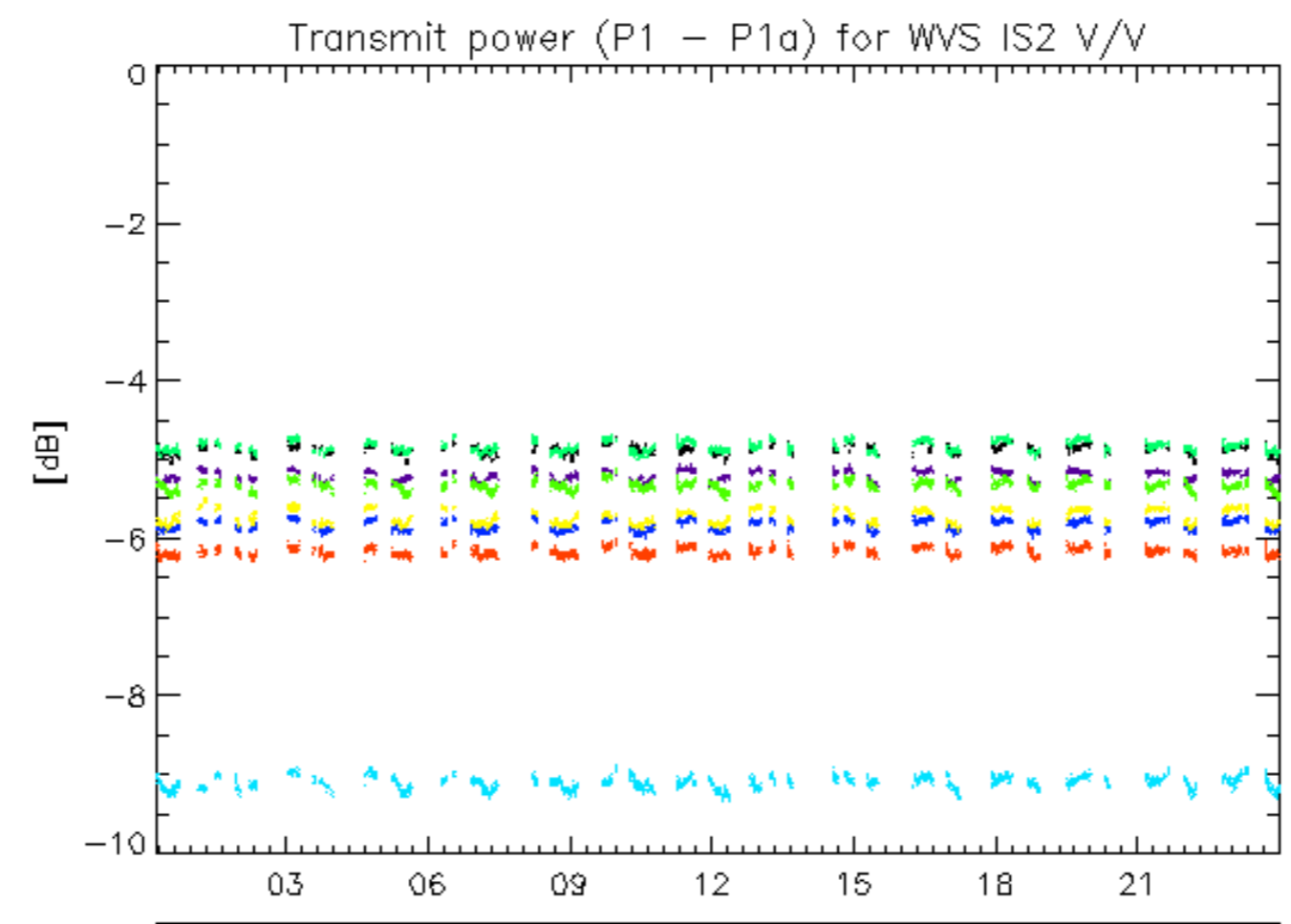


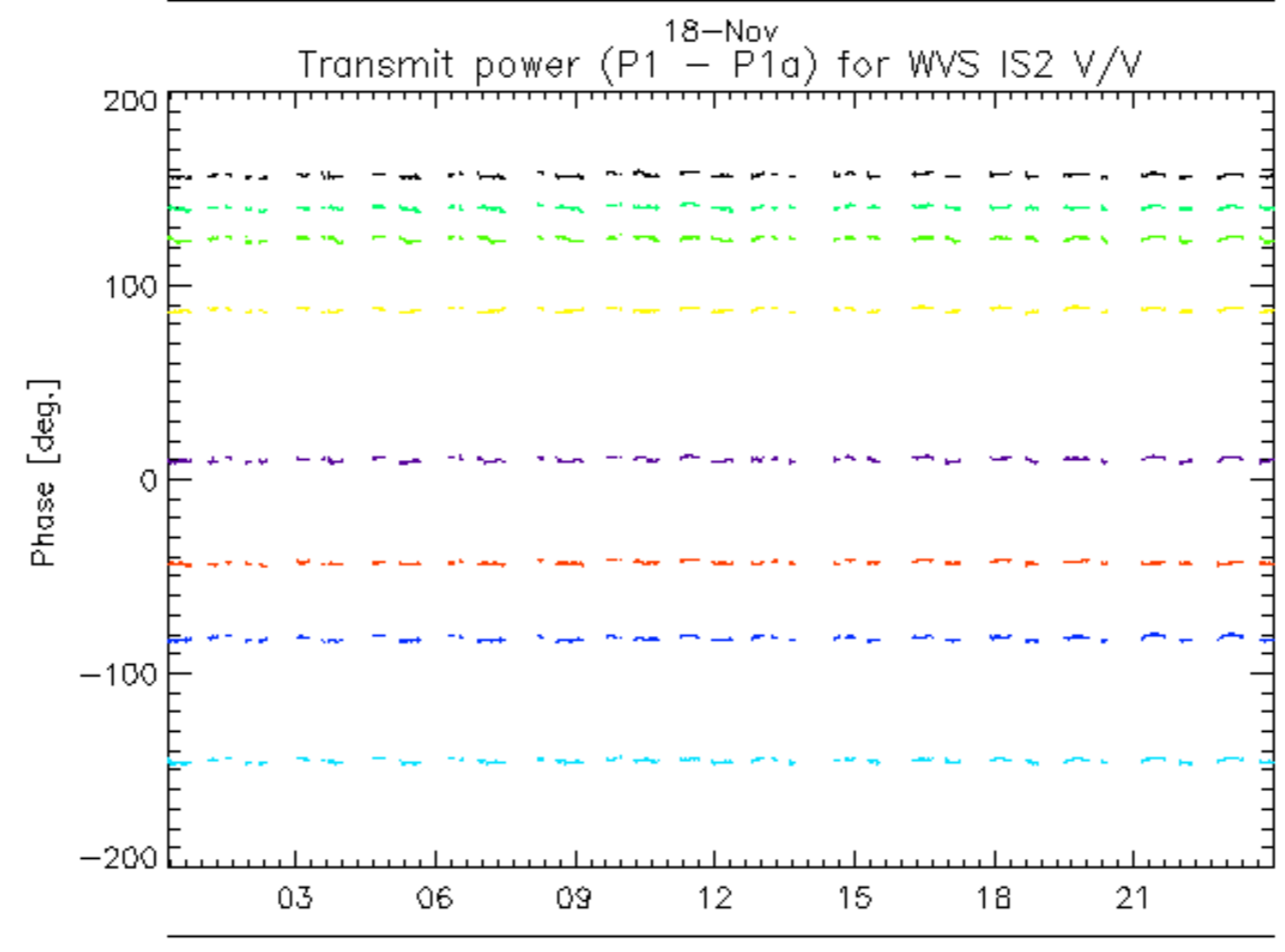
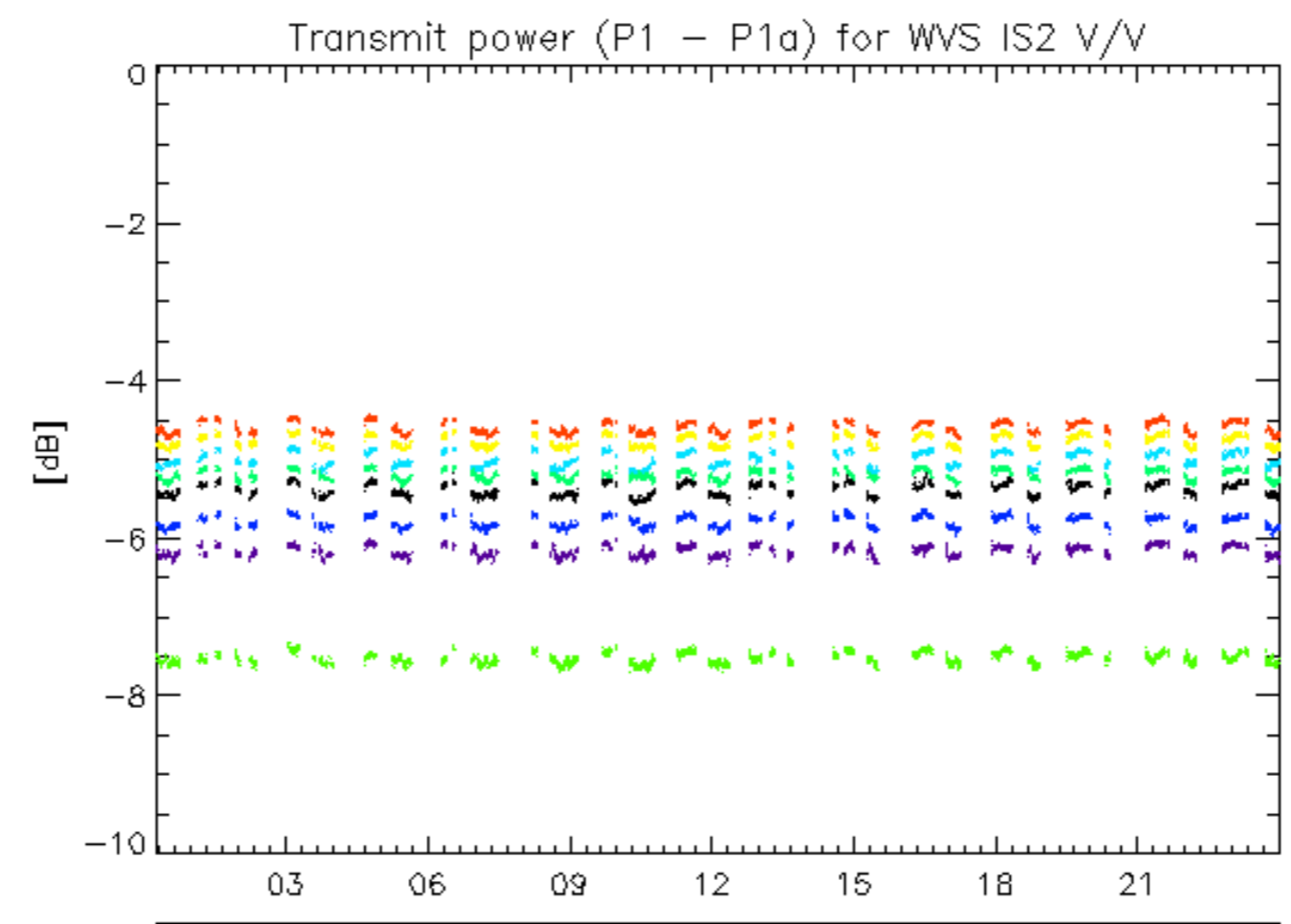
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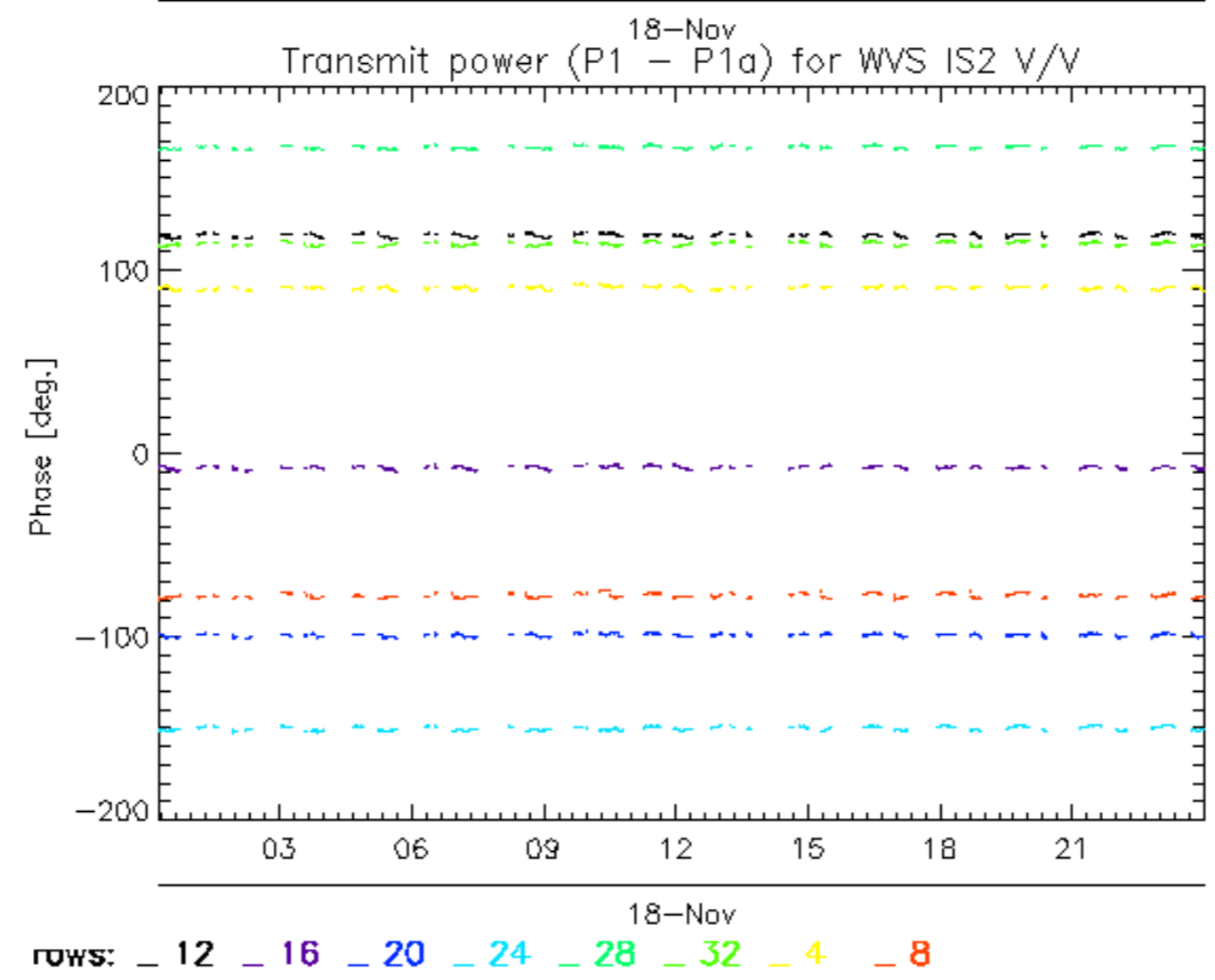
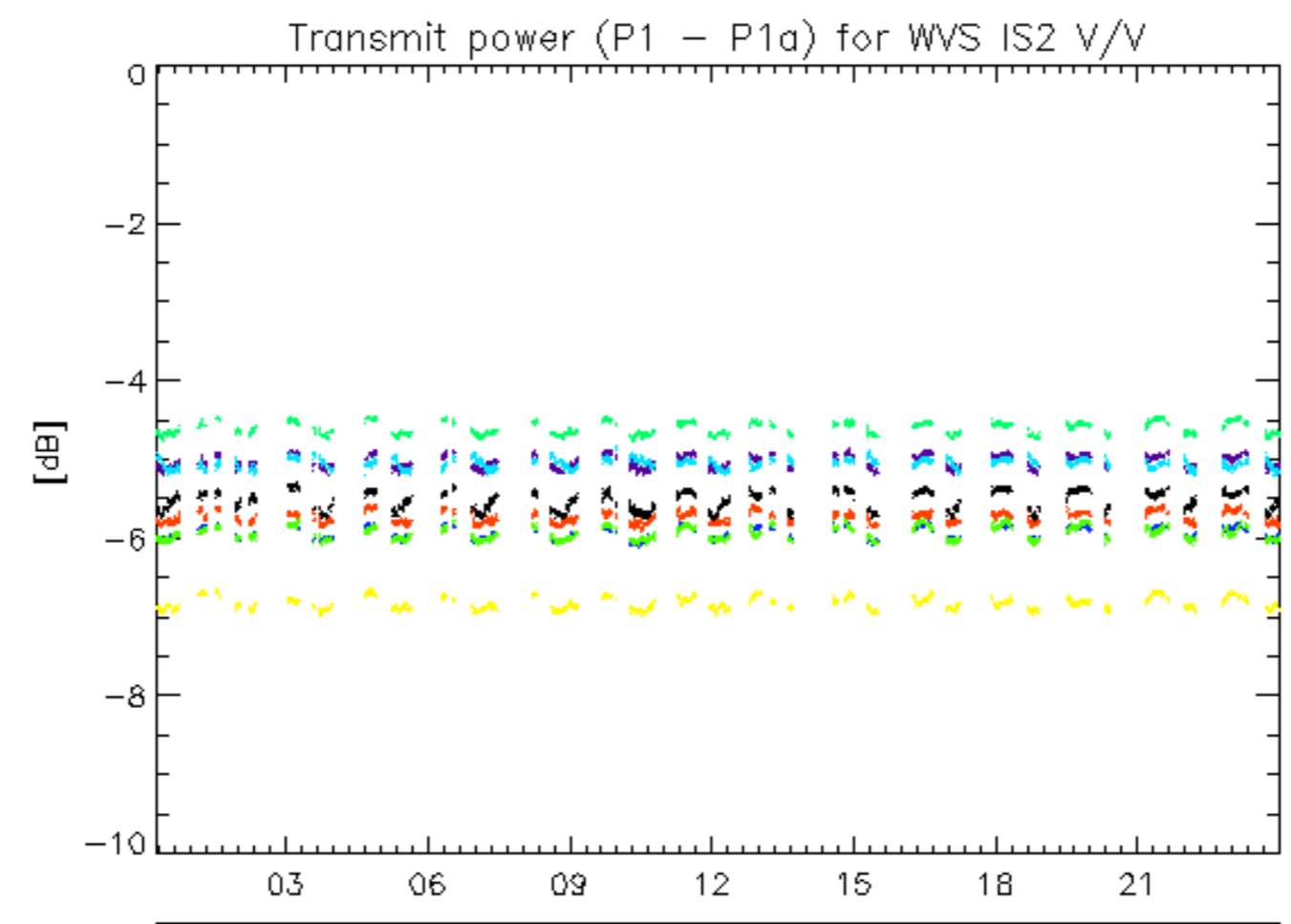


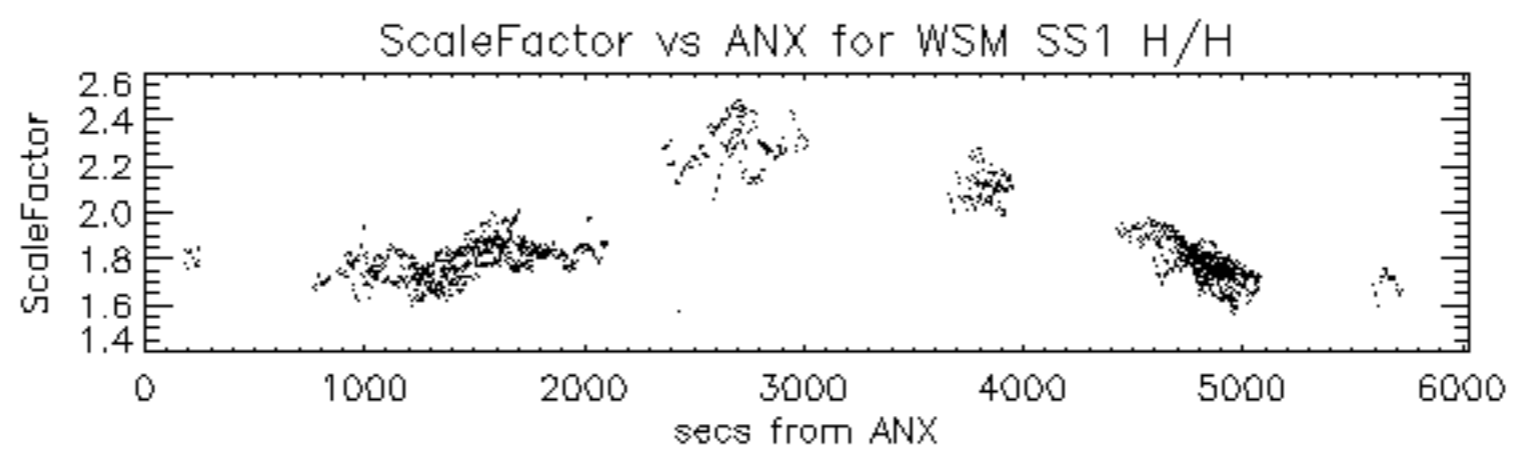


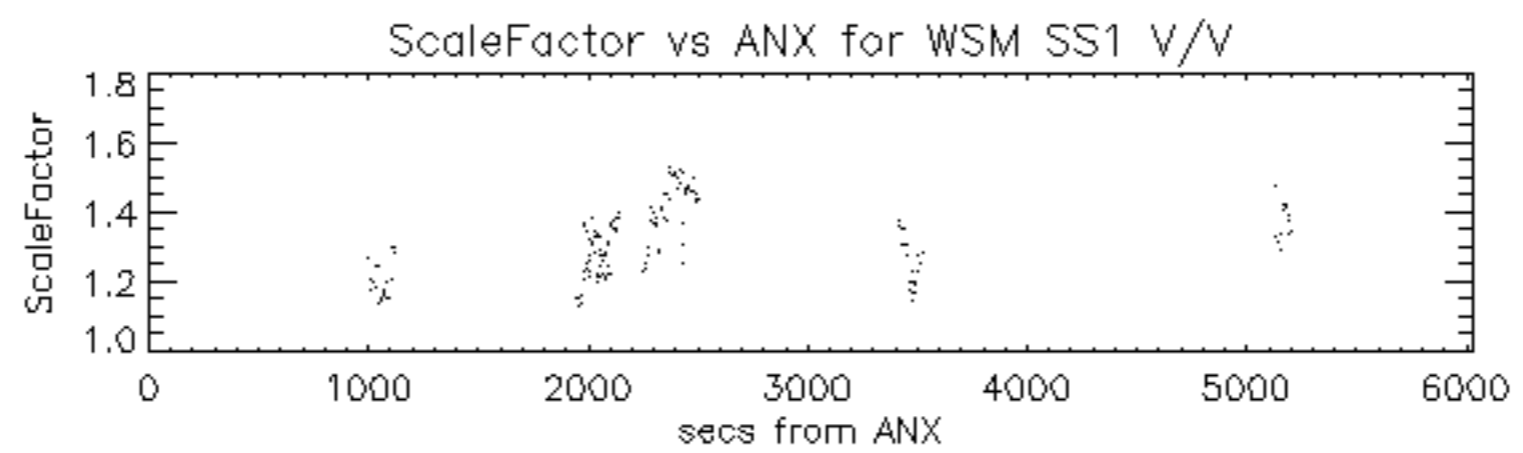


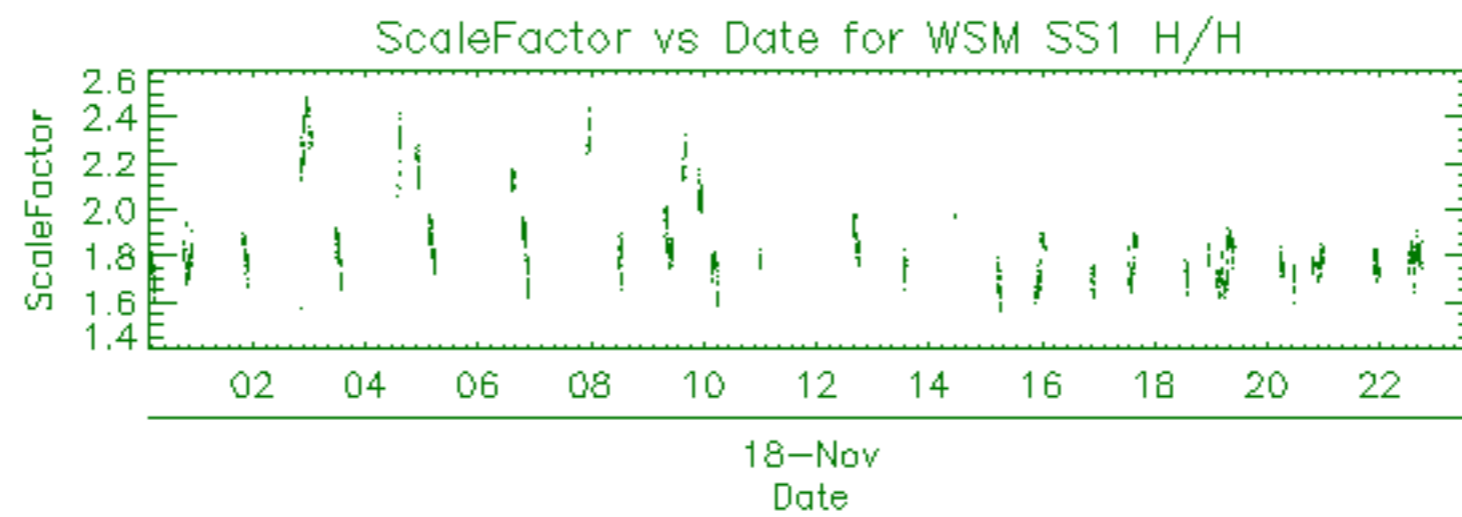


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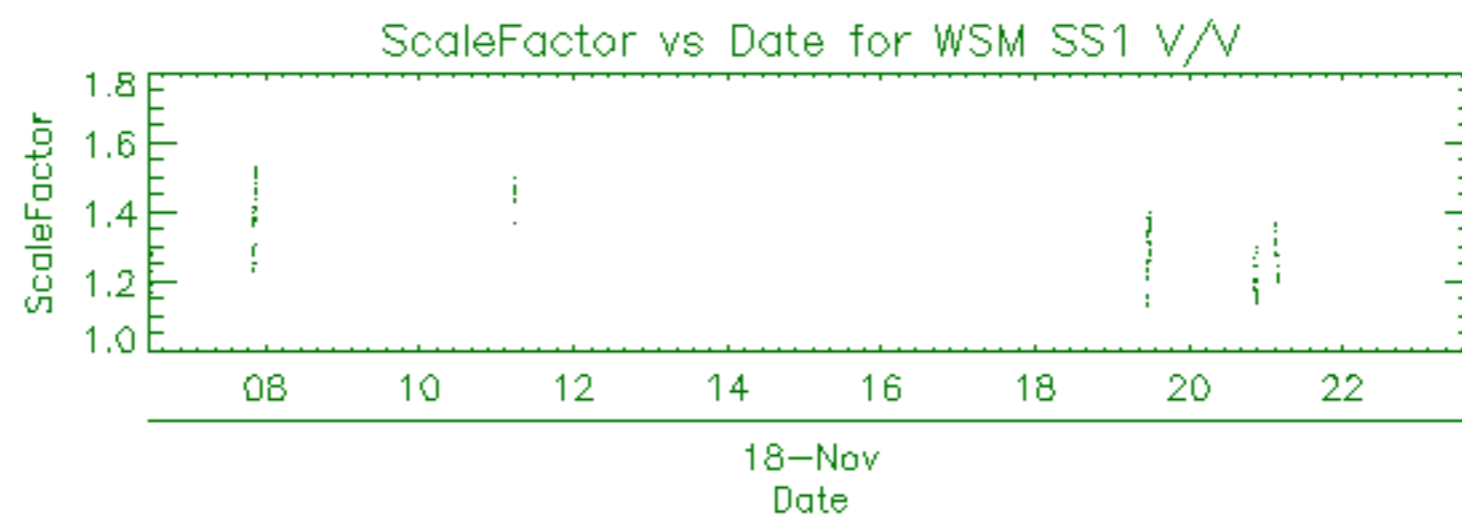












| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |     |       |     |      |
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| ASA_APM_1PNPDE20111118_040349_000000423108_00378_50823_0577.N1 |      |     |             |          |          | IS2         | H/H | 108 | 50823 | 378 | 5.04 |
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| ASA_APM_1PNPDE20111118_153629_000000573108_00385_50830_0820.N1 |      |     |             |          |          | IS4         | H/H | 108 | 50830 | 385 | 5.04 |



|  |     |     |     |       |     |      |
|--|-----|-----|-----|-------|-----|------|
| ASA_GM1_1PNPDK20111118_204645_000001143108_00388_50833_5969.N1 | SS1 | H/H | 108 | 50833 | 388 | 5.04 |
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| ASA_GM1_1PNPDE20111118_213427_000001813108_00388_50833_0909.N1 | SS1 | H/H | 108 | 50833 | 388 | 5.04 |
| ASA_GM1_1PNPDE20111118_214110_000007373108_00388_50833_0916.N1 | SS1 | H/H | 108 | 50833 | 388 | 5.04 |
| ASA_GM1_1PNPDE20111118_221537_000006283108_00389_50834_0943.N1 | SS1 | H/H | 108 | 50834 | 389 | 5.04 |
| ASA_GM1_1PNPDE20111118_224419_000001693108_00389_50834_0949.N1 | SS1 | H/H | 108 | 50834 | 389 | 5.04 |
| ASA_GM1_1PNPDE20111118_231218_000000783108_00389_50834_0948.N1 | SS1 | H/H | 108 | 50834 | 389 | 5.04 |
| ASA_GM1_1PNPDE20111118_231349_000000783108_00389_50834_0946.N1 | SS1 | H/H | 108 | 50834 | 389 | 5.04 |
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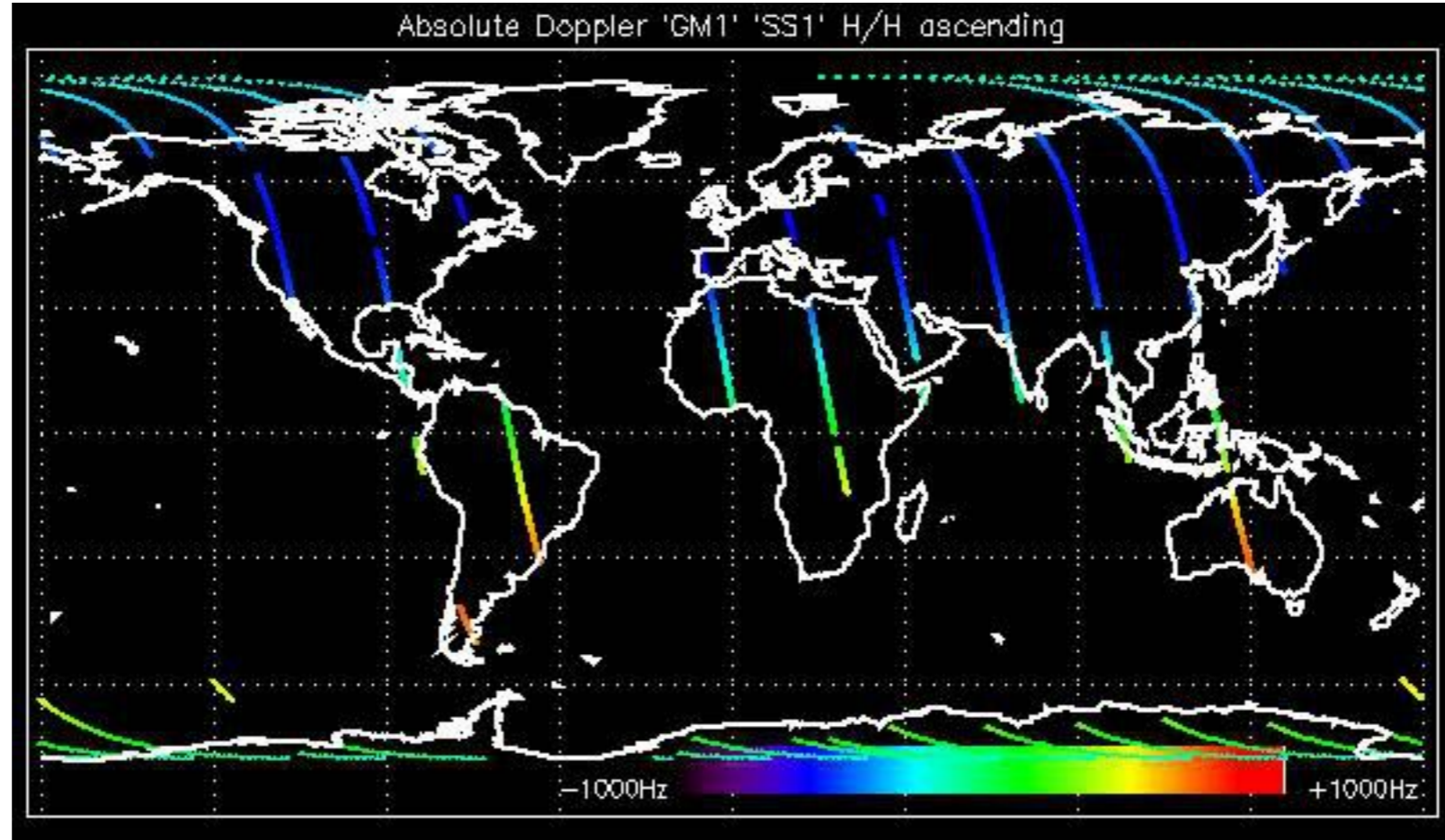
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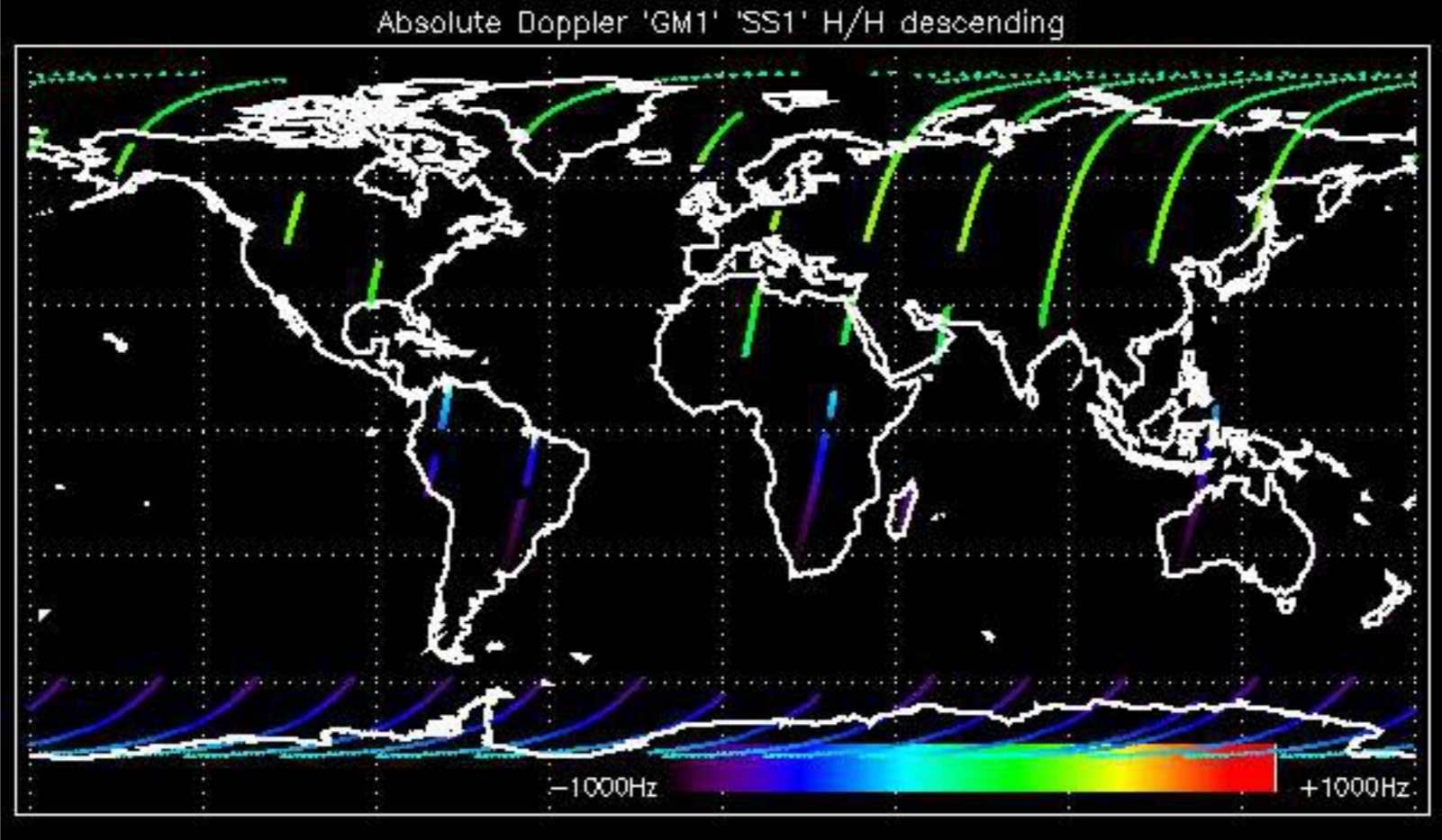
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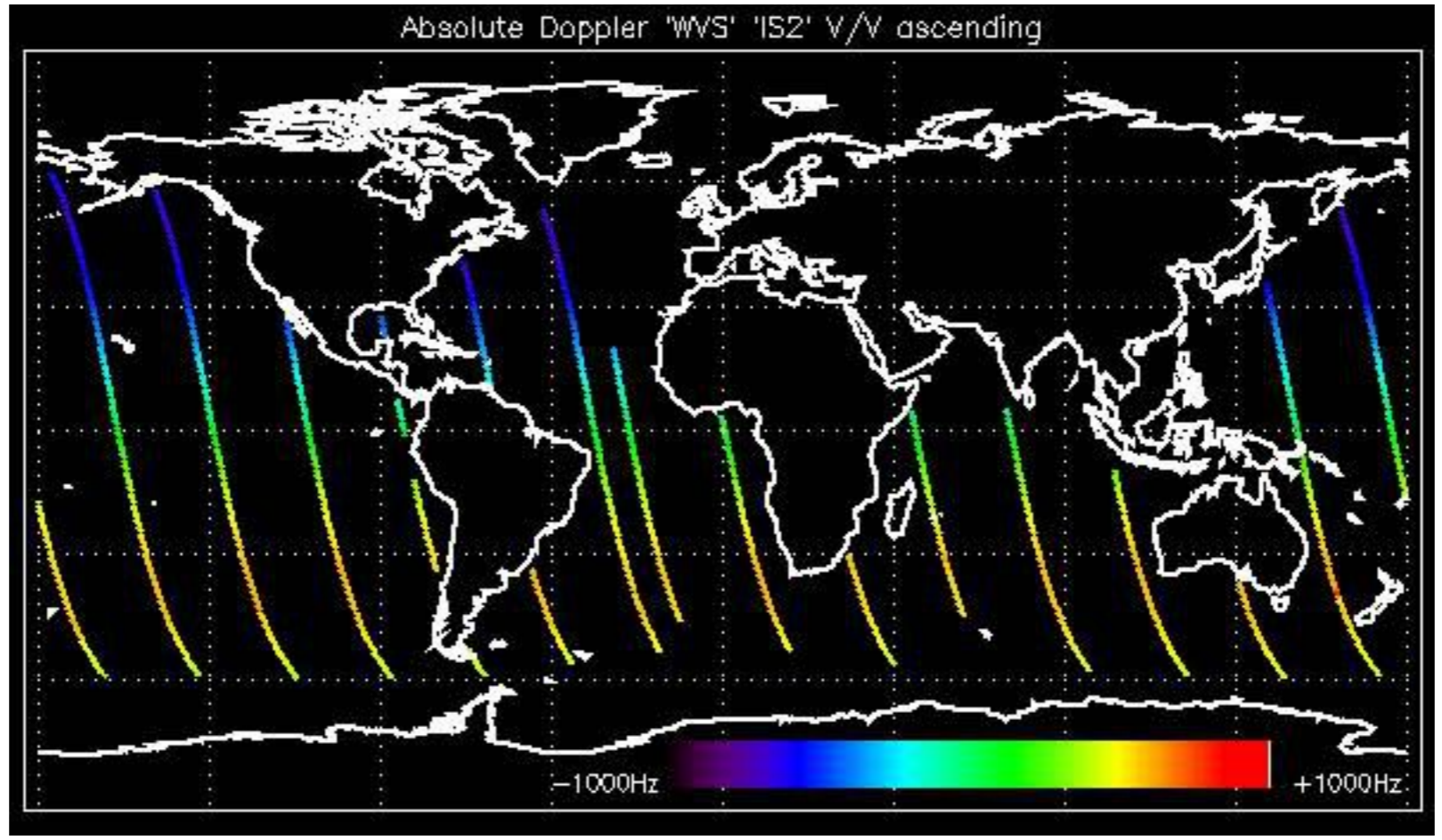
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| ASA_WSM_1PNPDE20111118_025045_000004103108_00377_50822_0556.N1 |      |     |             |          |          | SS1         | H/H | 108 | 50822 | 377 | 5.04 |
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| ASA_WSM_1PNPDE20111118_050712_000003923108_00378_50823_0610.N1 |      |     |             |          |          | SS1         | H/H | 108 | 50823 | 378 | 5.04 |
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| ASA_WSM_1PNPDE20111118_100900_000003923108_00381_50826_0701.N1 |      |     |             |          |          | SS1         | H/H | 108 | 50826 | 381 | 5.04 |
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| ASA_WSM_1PNPDE20111118_111317_000000923108_00382_50827_0693.N1 |      |     |             |          |          | SS1         | V/V | 108 | 50827 | 382 | 5.04 |
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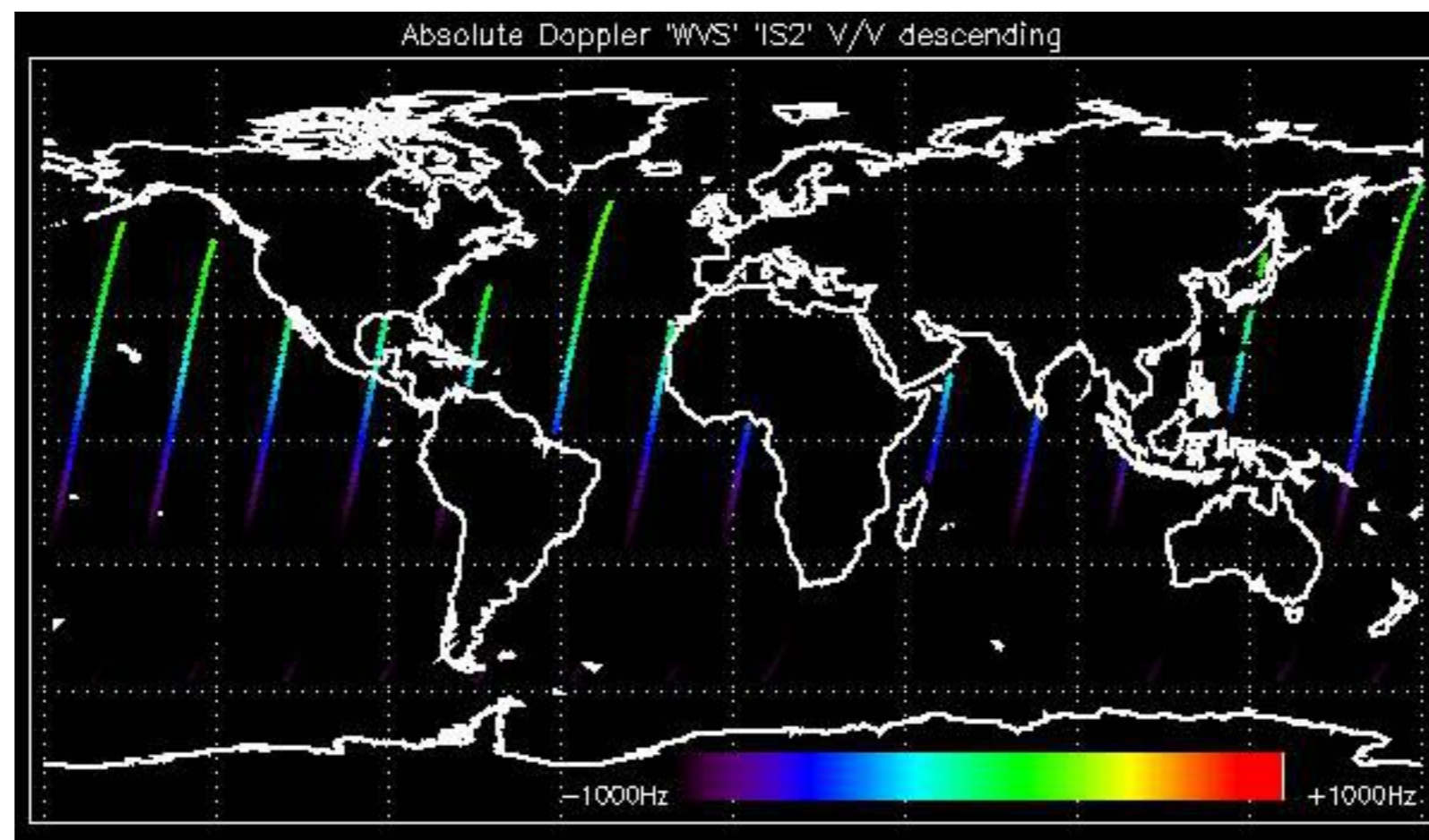
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| ASA_WVS_1PNPDE20111118_001841_000016343108_00375_50820_0533.N1 |      |     |             |          |          | IS2         | V/V | 108 | 50820 | 375 | 5.04 |
| ASA_WVS_1PNPDE20111118_001556_000002243108_00375_50820_0503.N1 |      |     |             |          |          | IS1         | V/V | 108 | 50820 | 375 | 5.04 |
| ASA_WVS_1PNPDE20111118_010852_00000743108_00376_50821_0532.N1  |      |     |             |          |          | IS2         | V/V | 108 | 50821 | 376 | 5.04 |
| ASA_WVS_1PNPDE20111118_011243_000003953108_00376_50821_0537.N1 |      |     |             |          |          | IS2         | V/V | 108 | 50821 | 376 | 5.04 |
| ASA_WVS_1PNPDE20111118_013127_000003753108_00376_50821_0538.N1 |      |     |             |          |          | IS2         | V/V | 108 | 50821 | 376 | 5.04 |
| ASA_WVS_1PNPDE20111118_015516_000001493108_00376_50821_0539.N1 |      |     |             |          |          | IS2         | V/V | 108 | 50821 | 376 | 5.04 |
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| ASA_WVS_1PNPDK20111118_083521_000020543108_00380_50825_5765.N1 |      |     |             |          |          | IS2         | V/V | 108 | 50825 | 380 | 5.04 |
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| ASA_WVS_1PNPDK20111118_161531_000014543108_00385_50830_5906.N1 |      |     |             |          |          | IS2         | V/V | 108 | 50830 | 385 | 5.04 |
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| ASA_WVS_1PNPDK20111118_184105_000008243108_00386_50831_5933.N1 |      |     |             |          |          | IS2         | V/V | 108 | 50831 | 386 | 5.04 |
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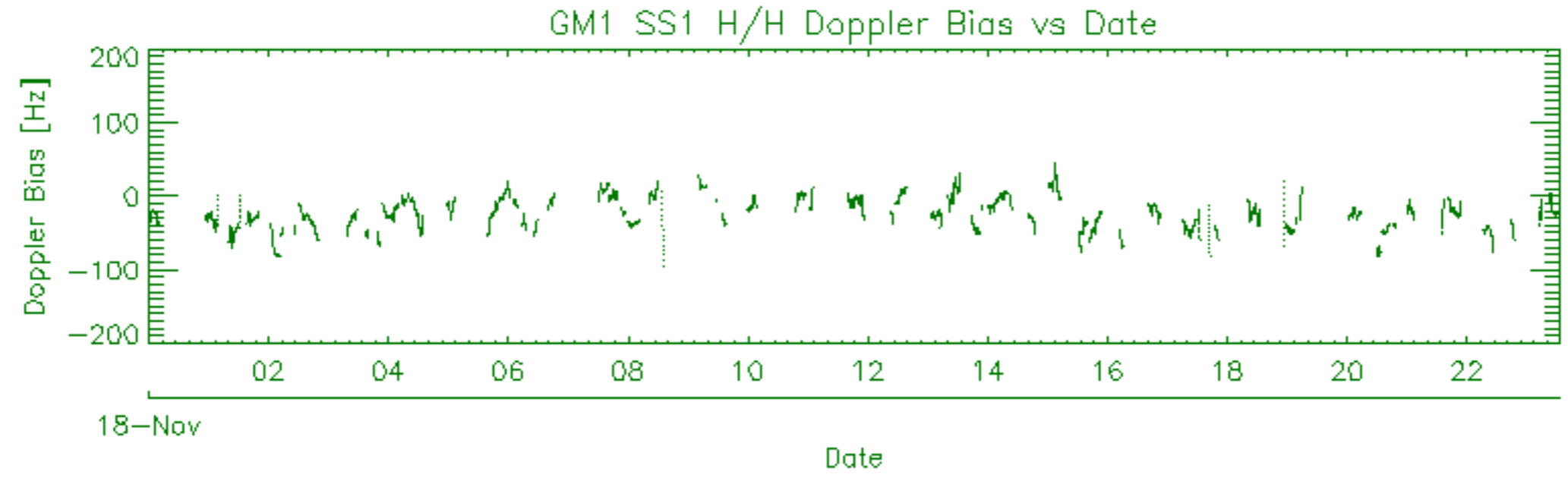
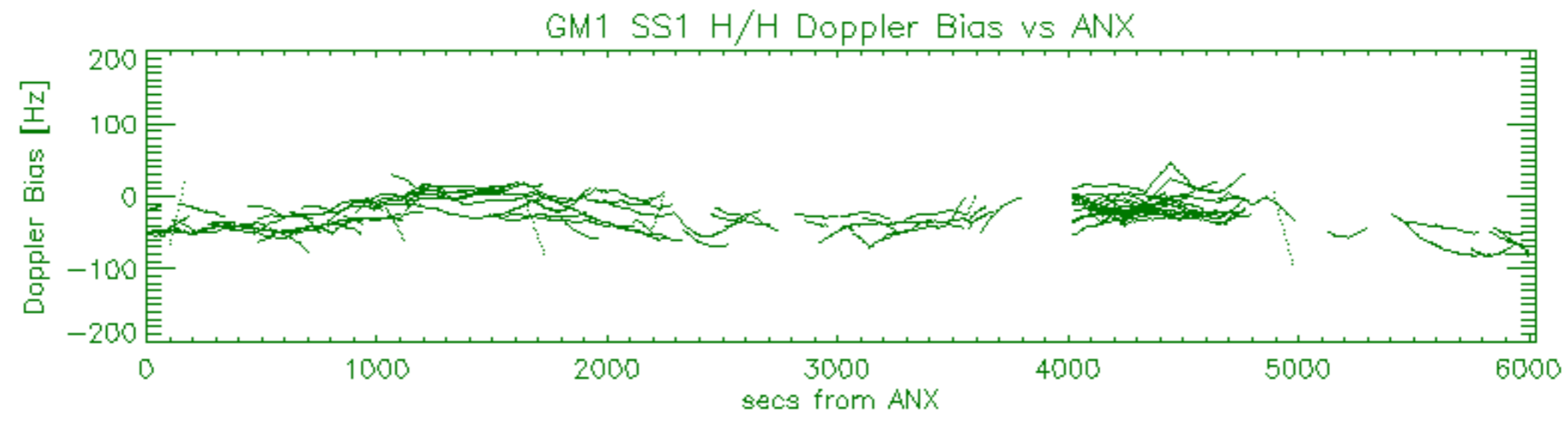
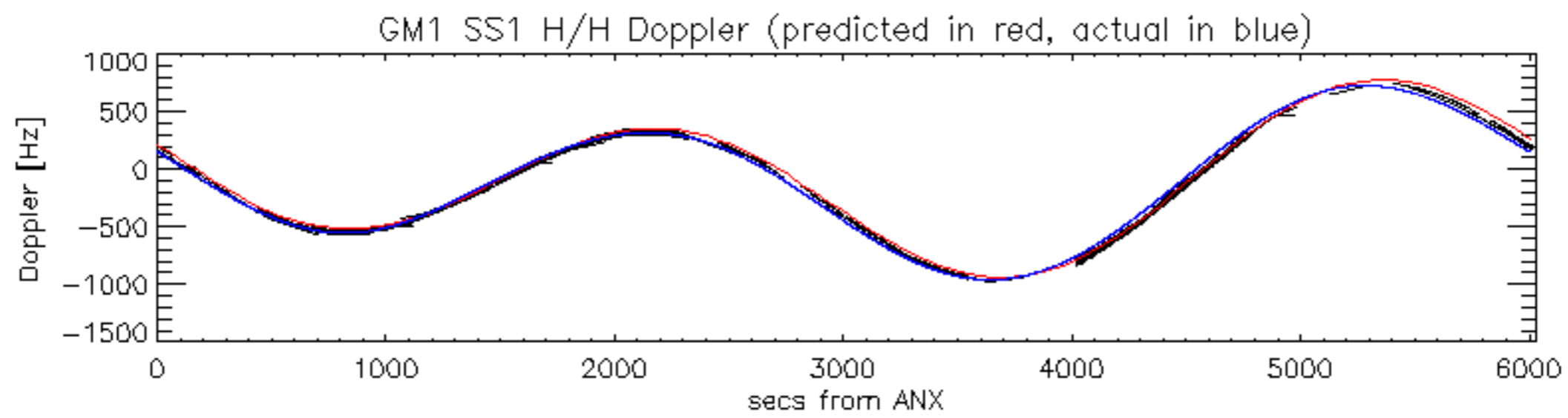


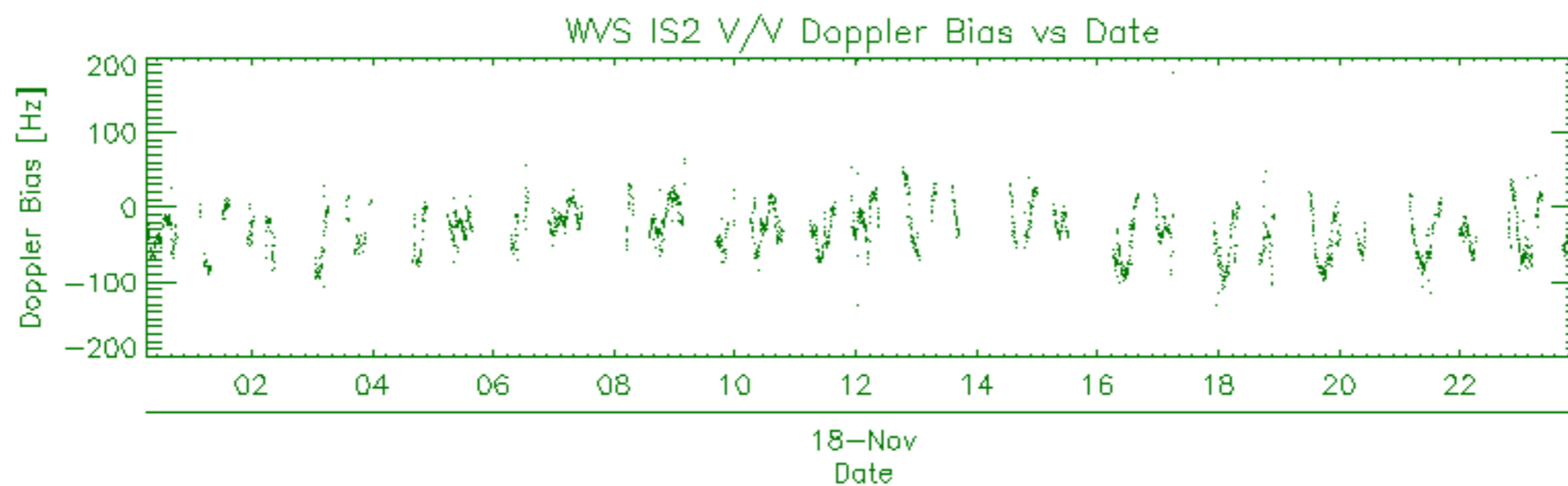
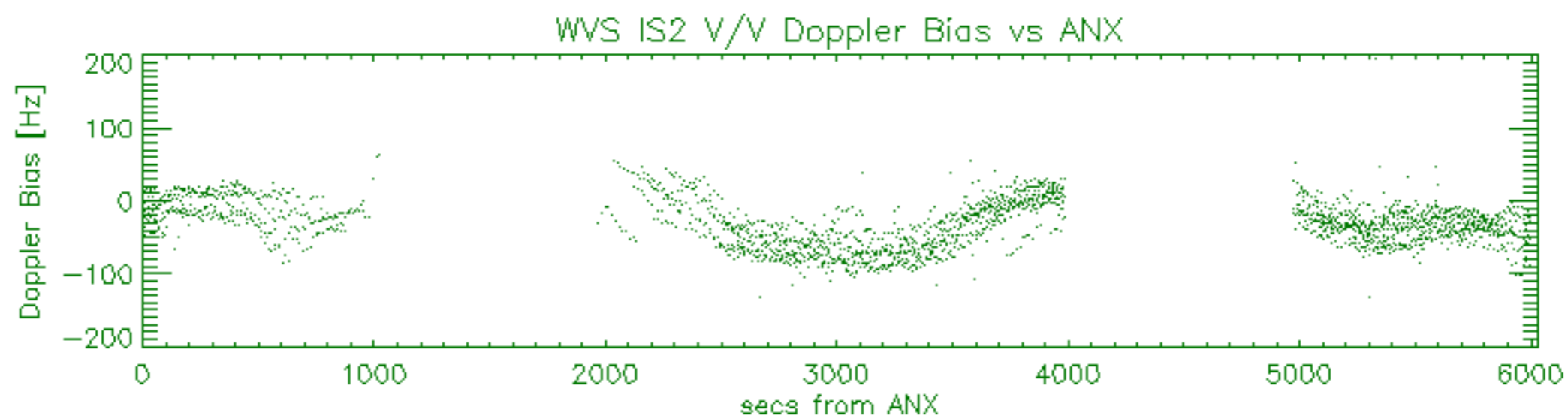
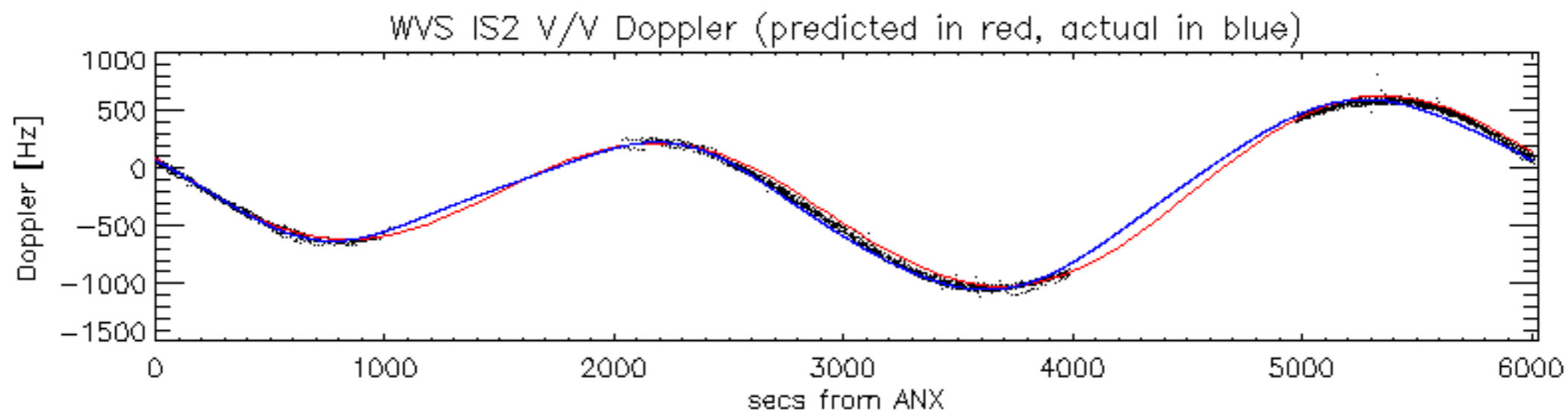


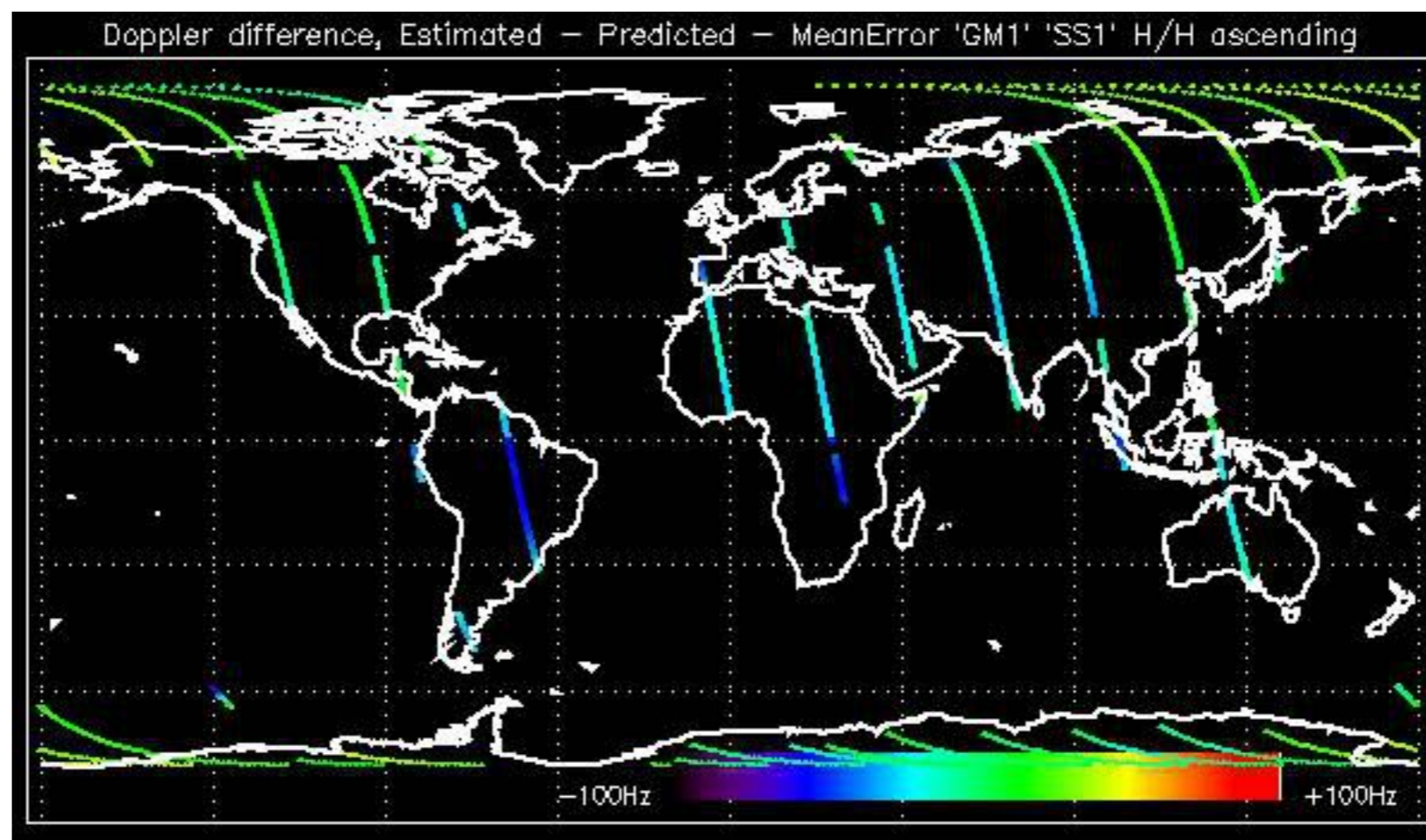


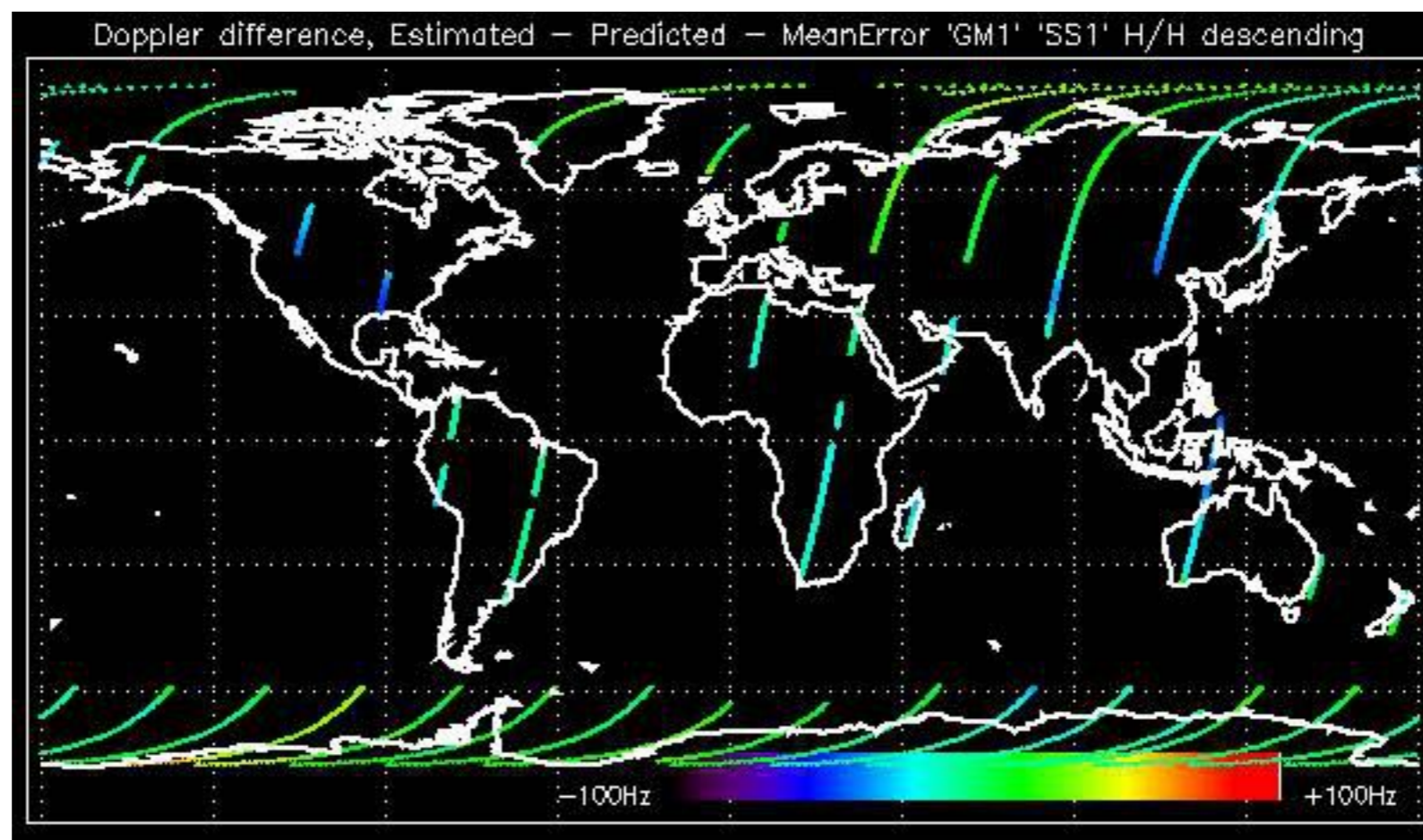




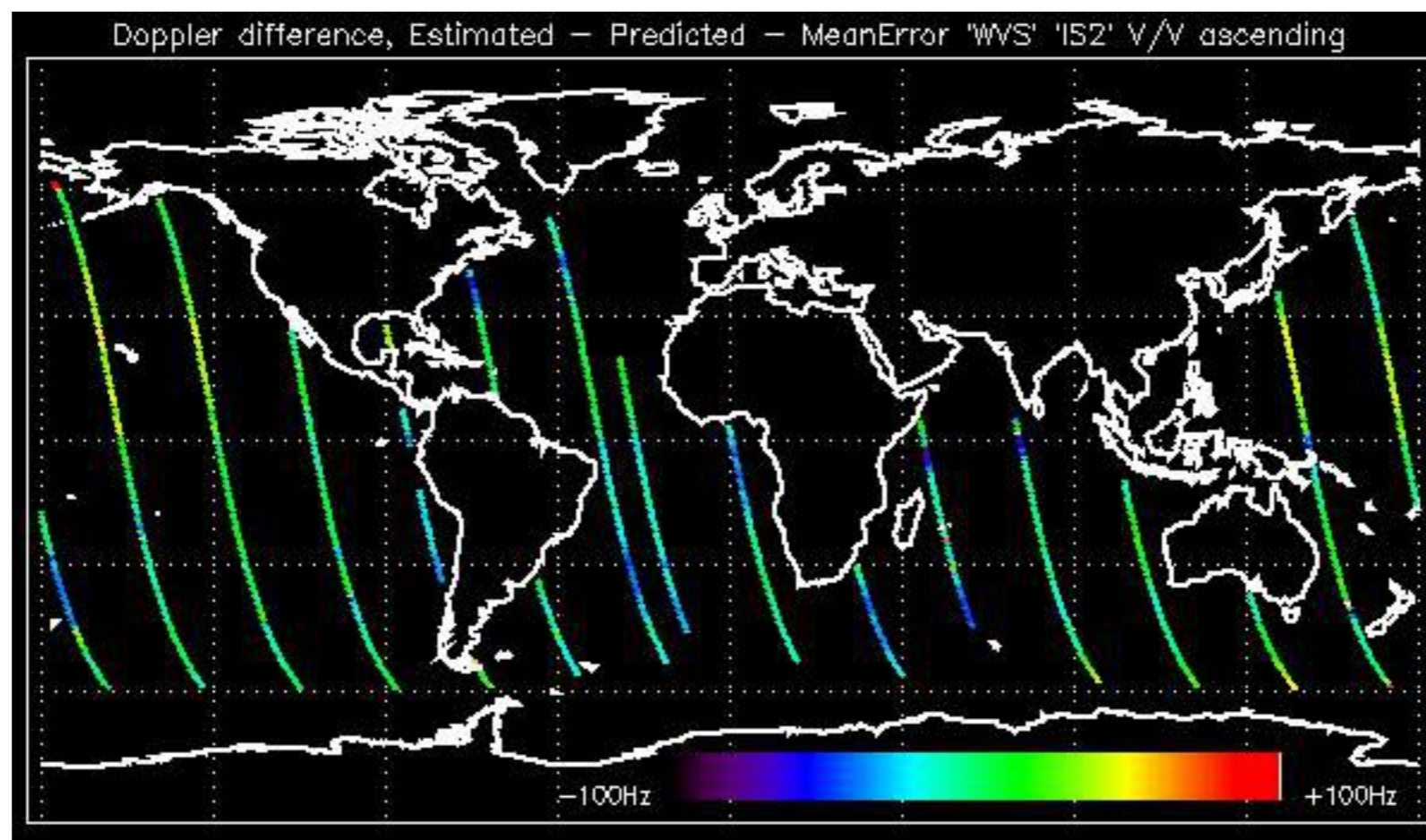


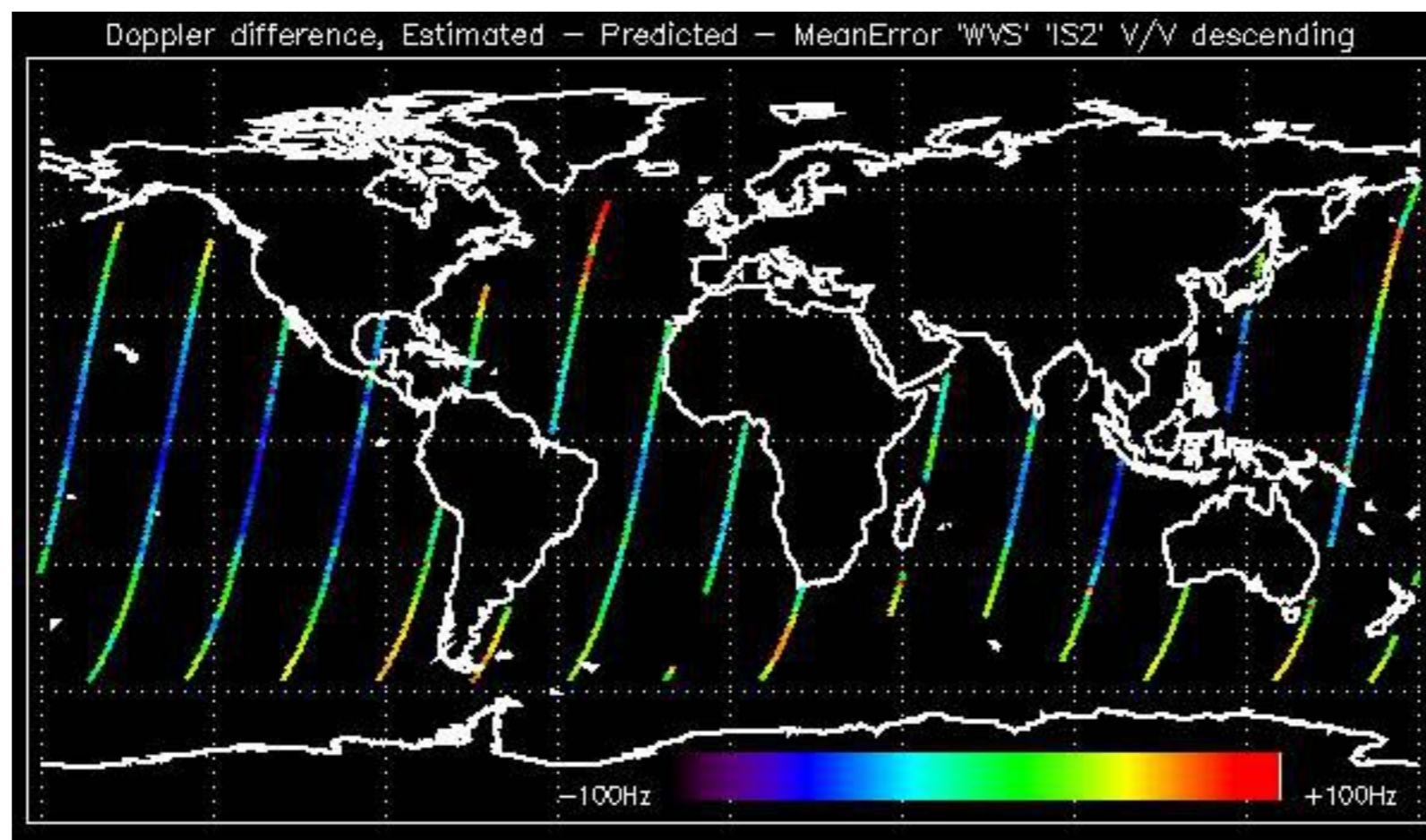


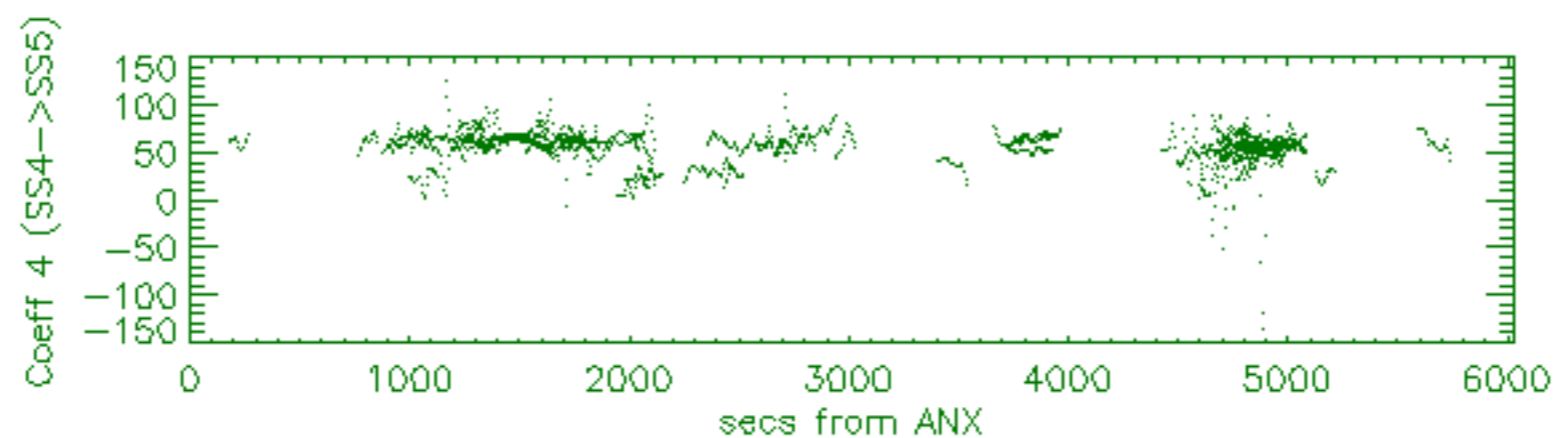
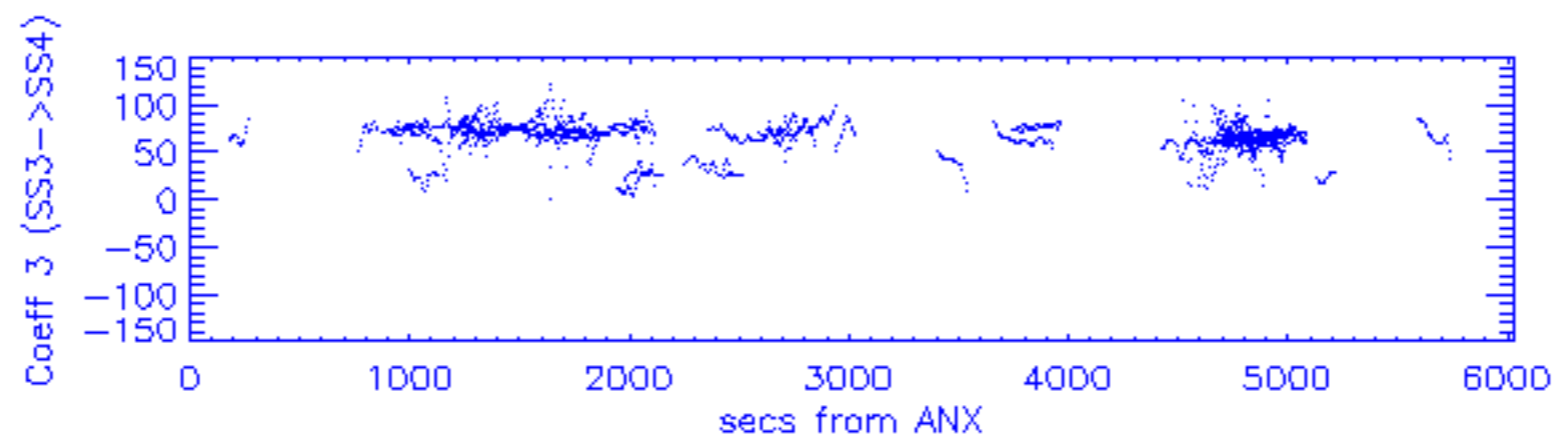
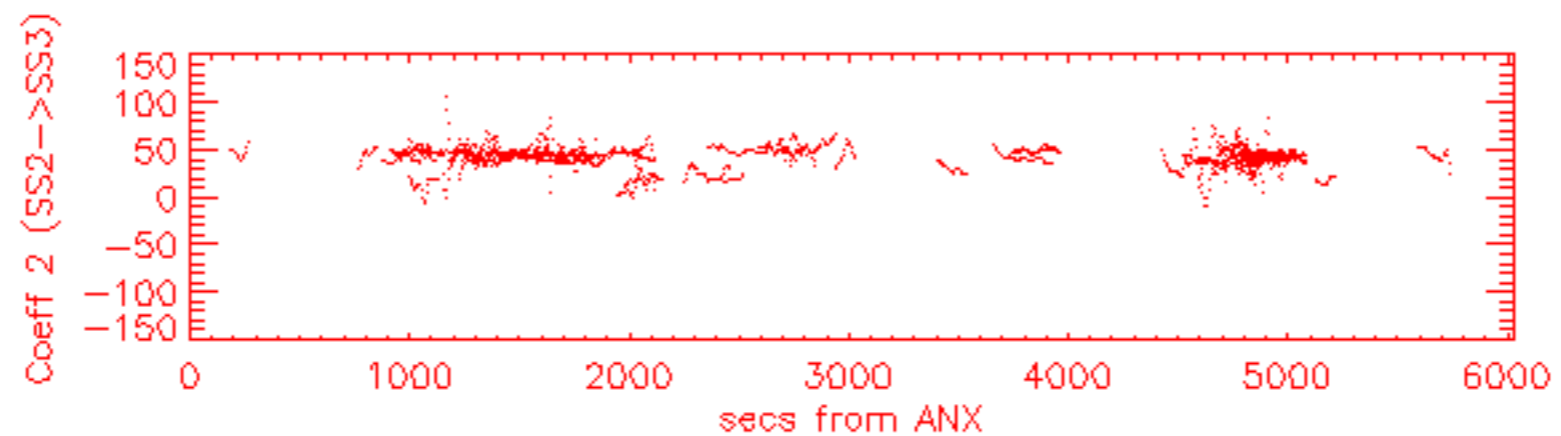
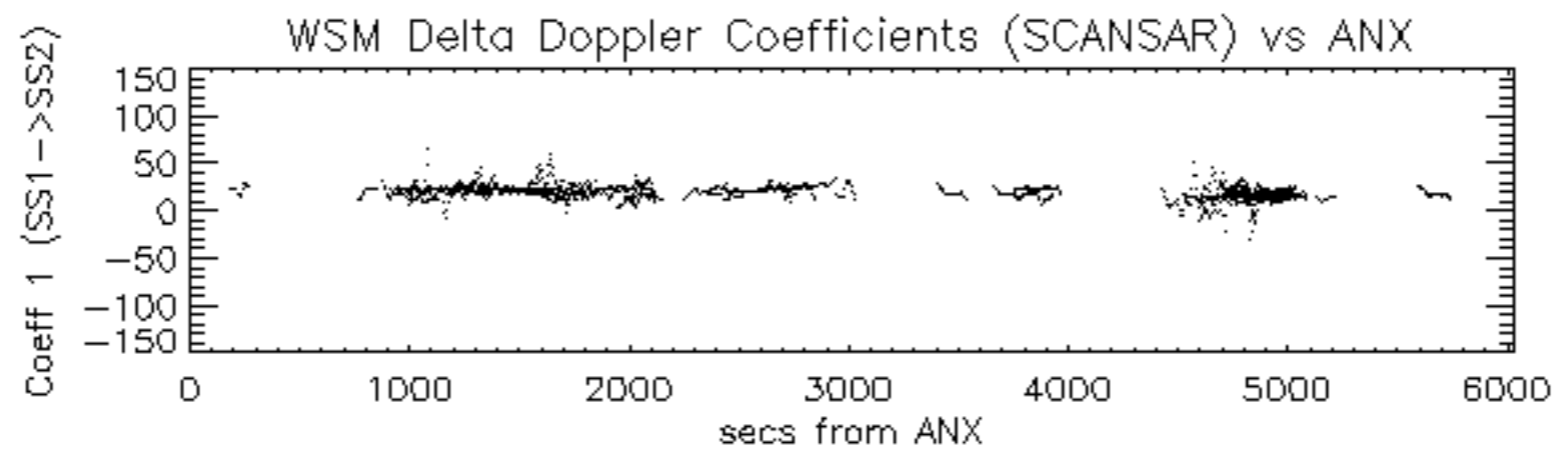


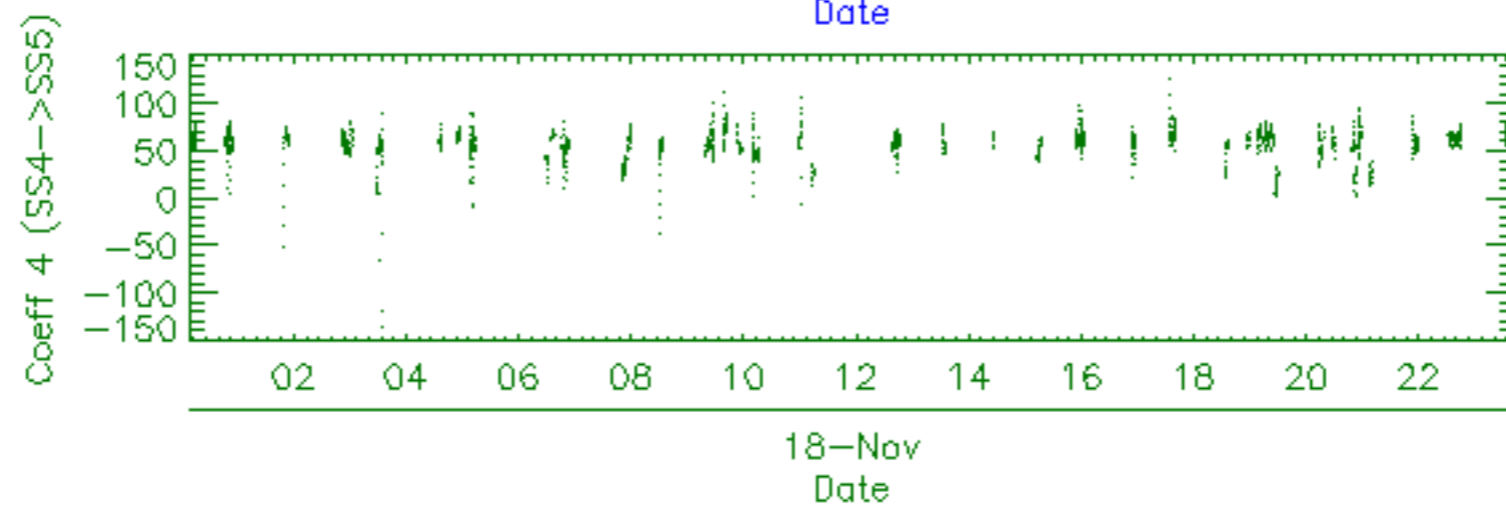
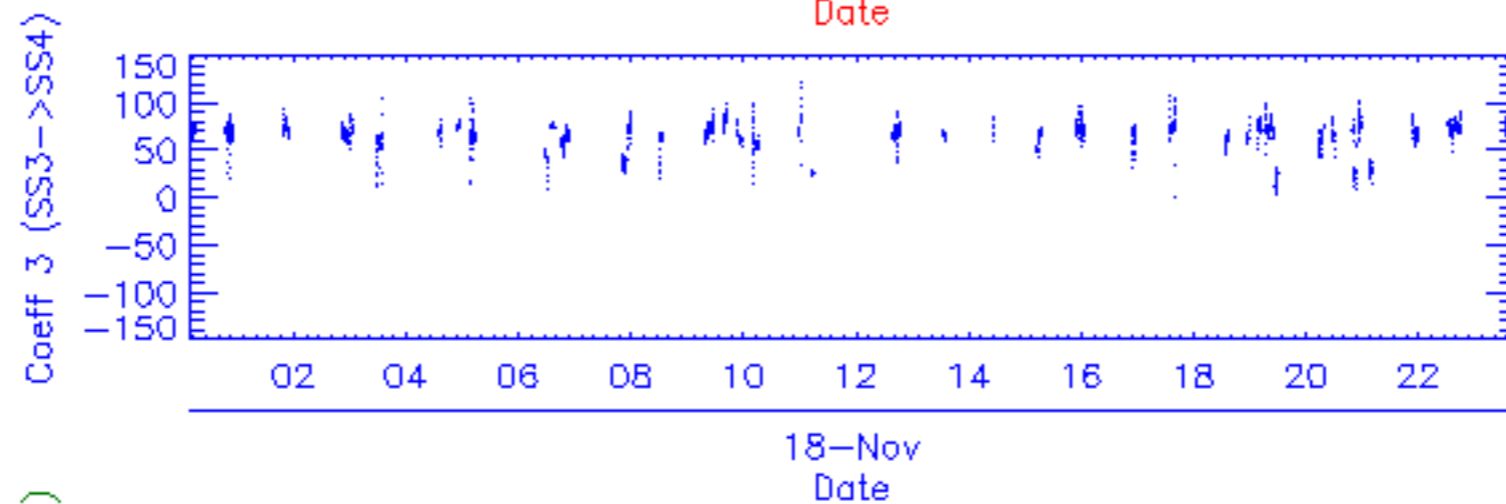
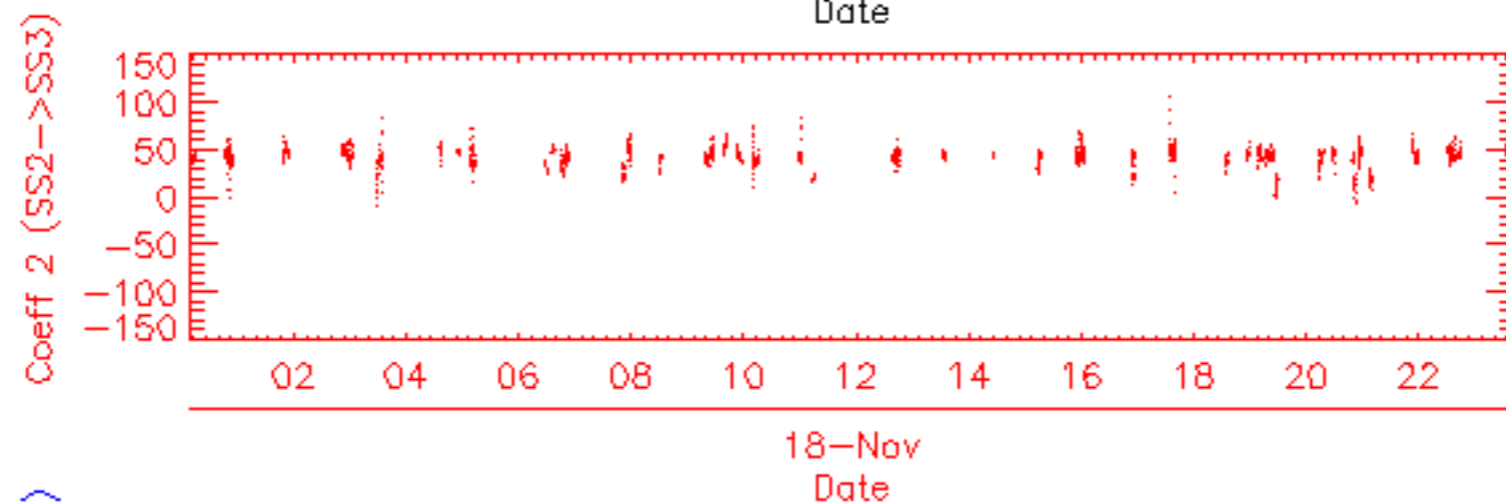
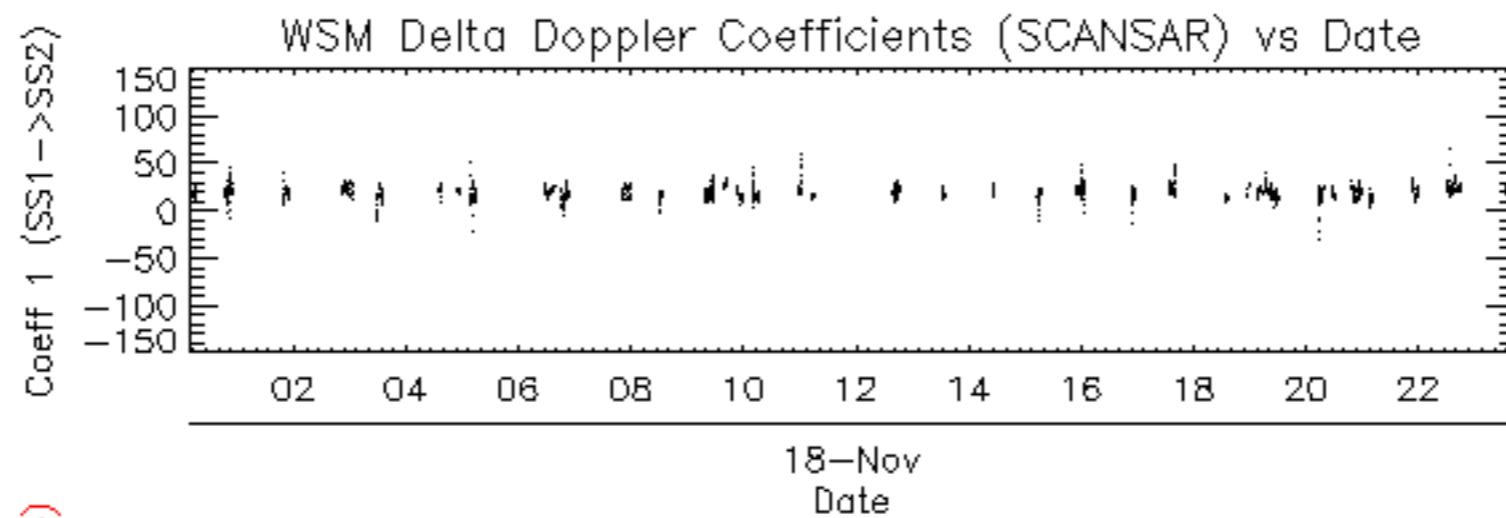




















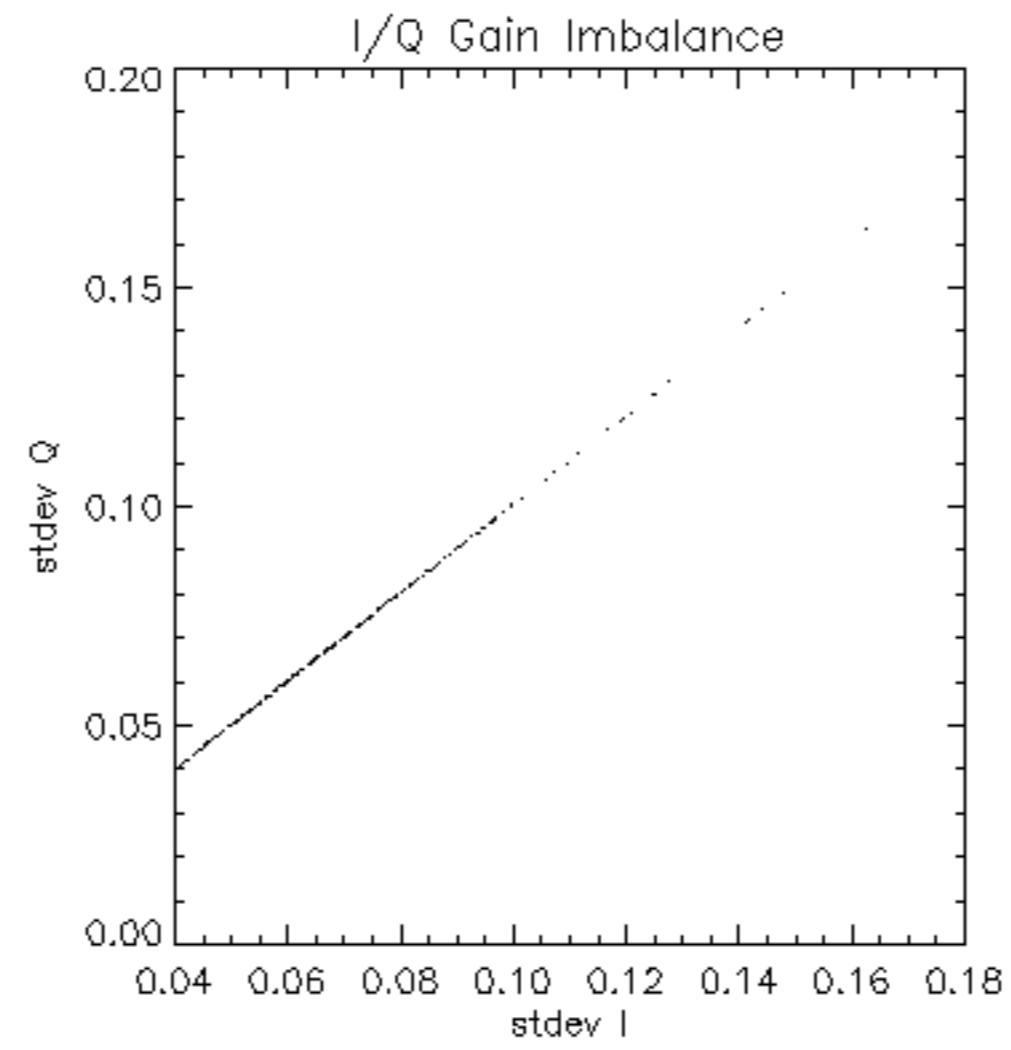


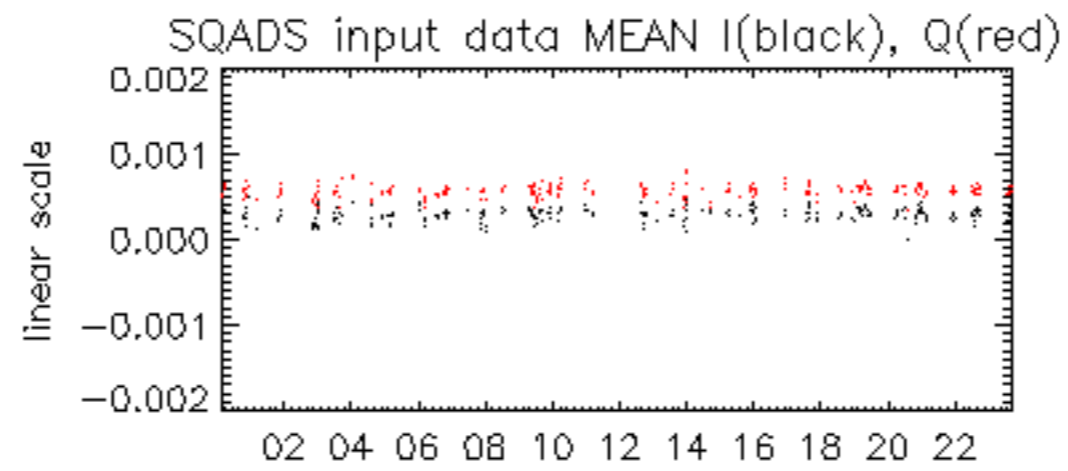




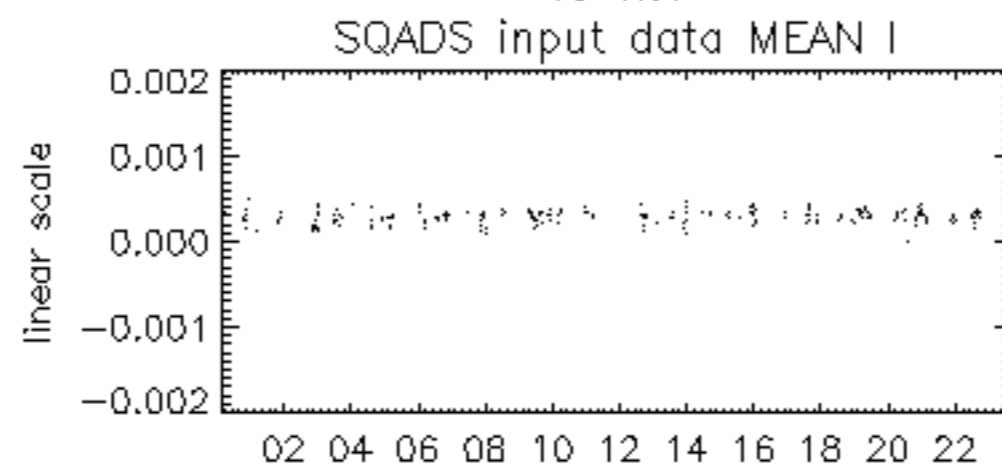




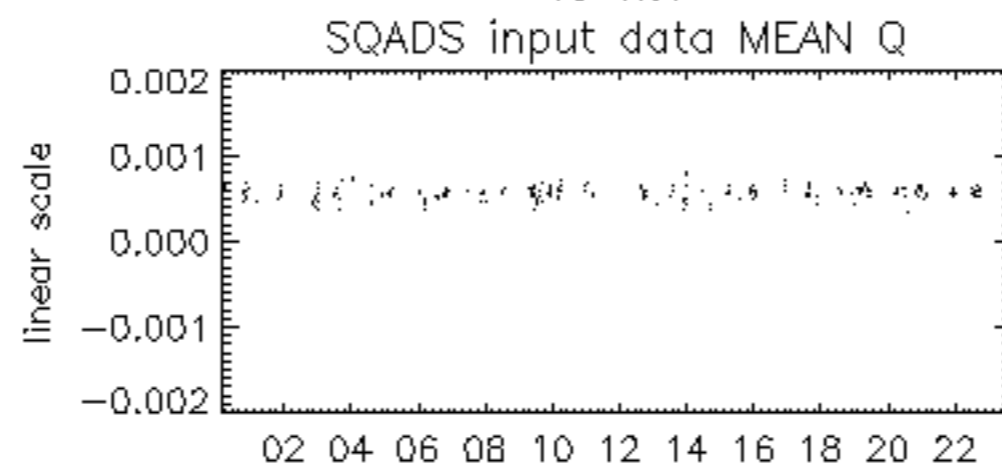




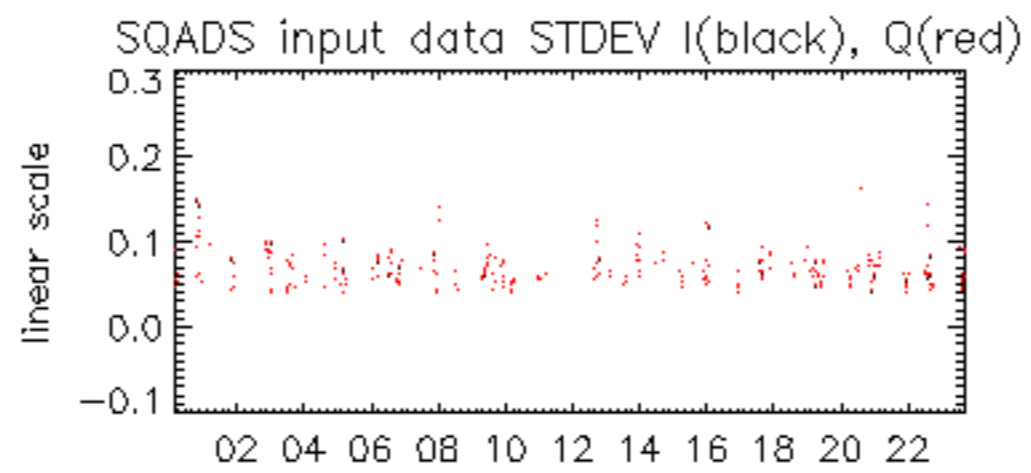
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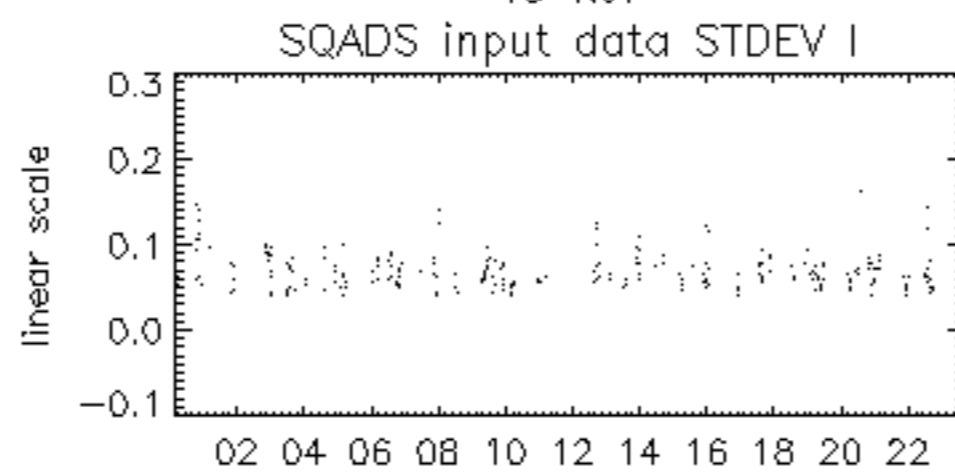
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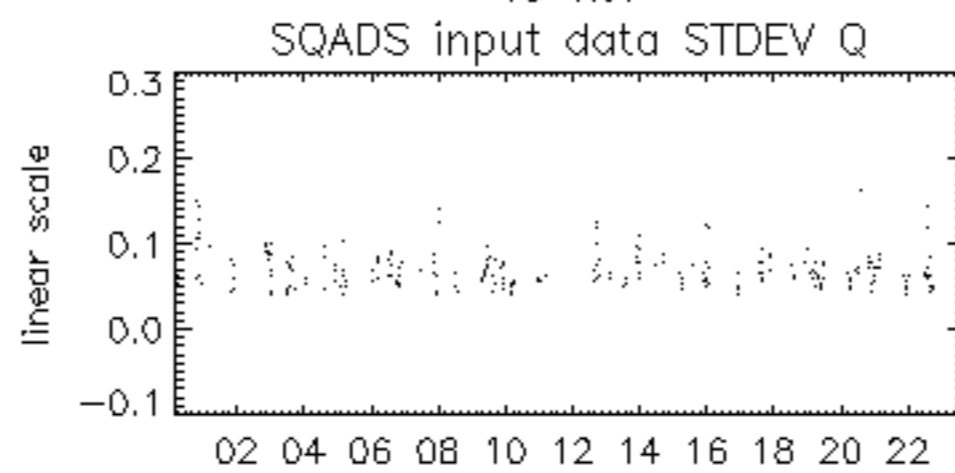
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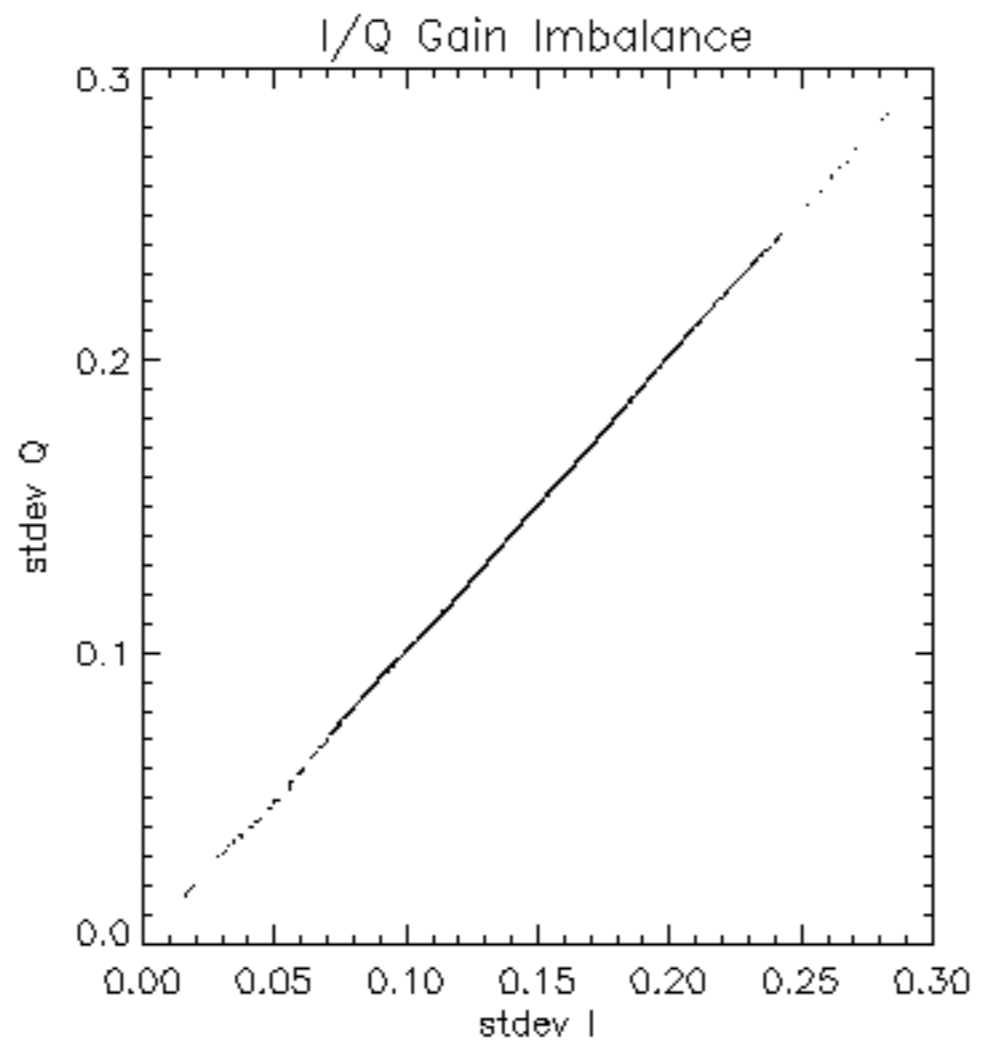
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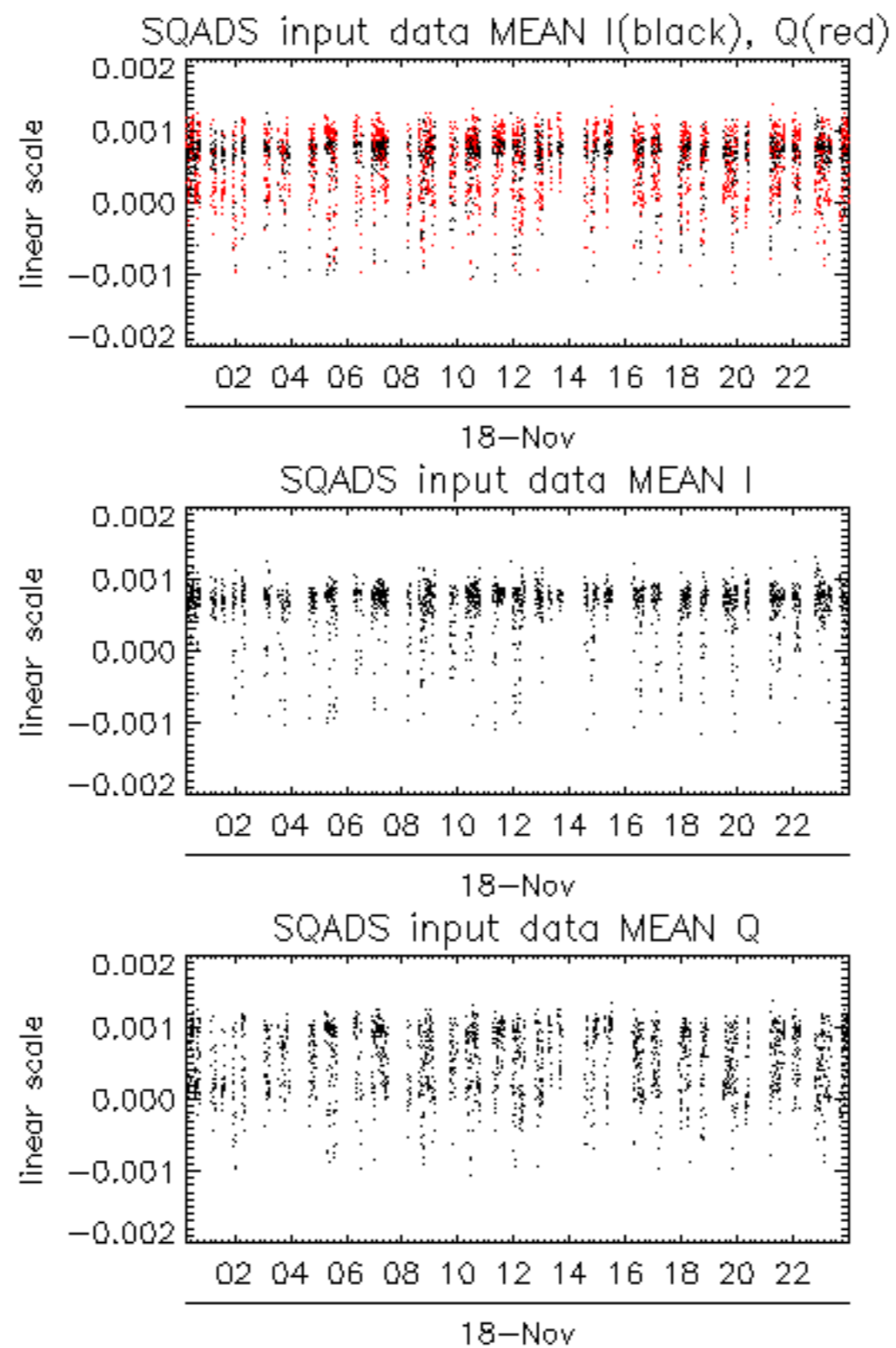
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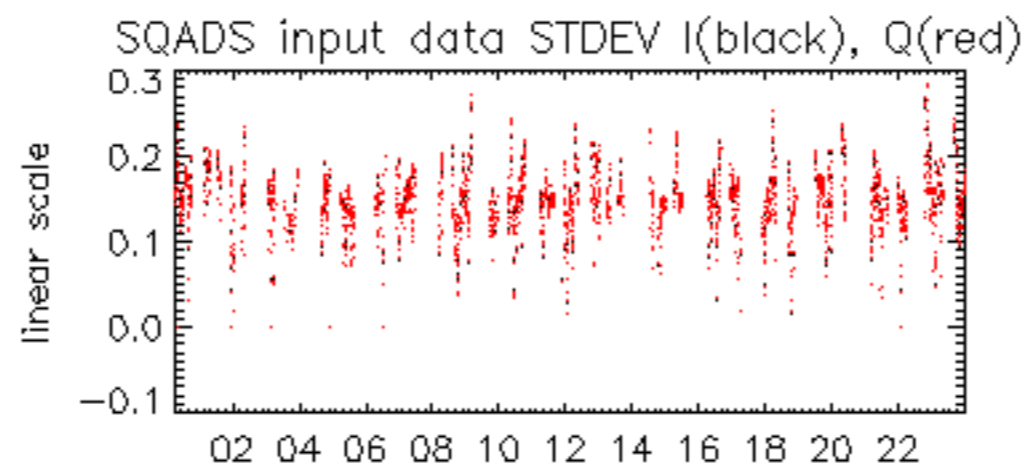


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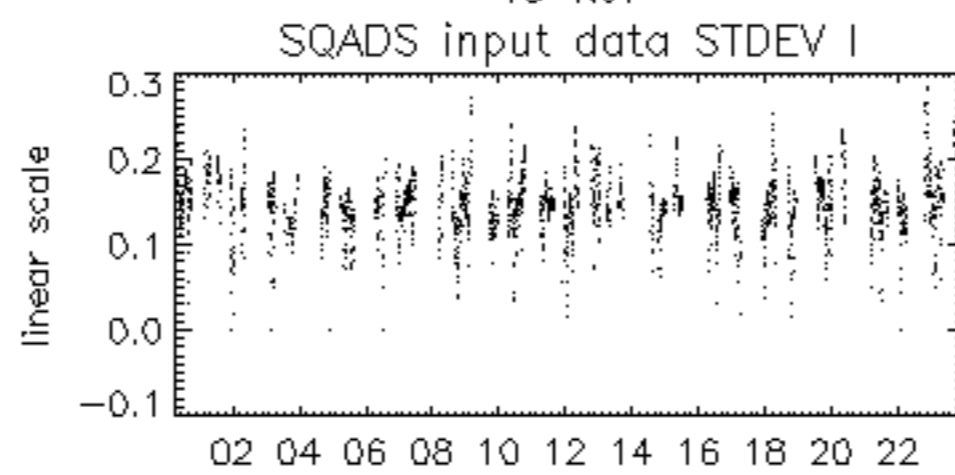




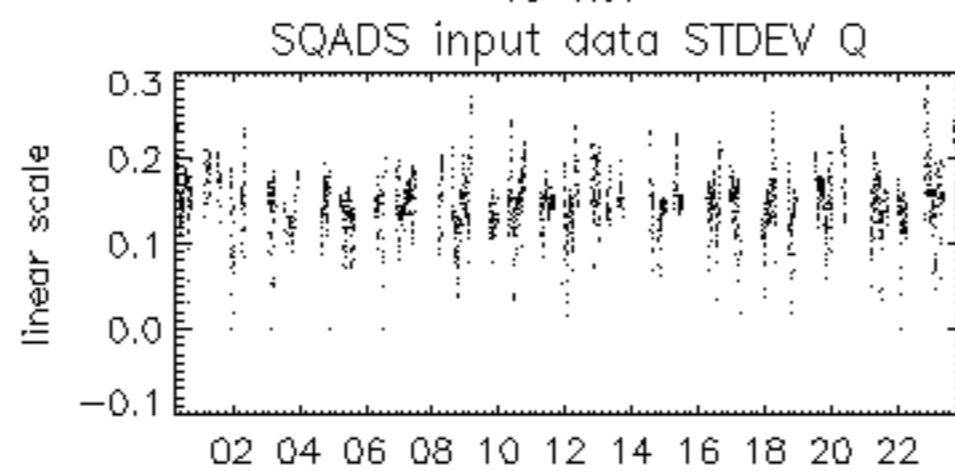




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